

FIG. 1

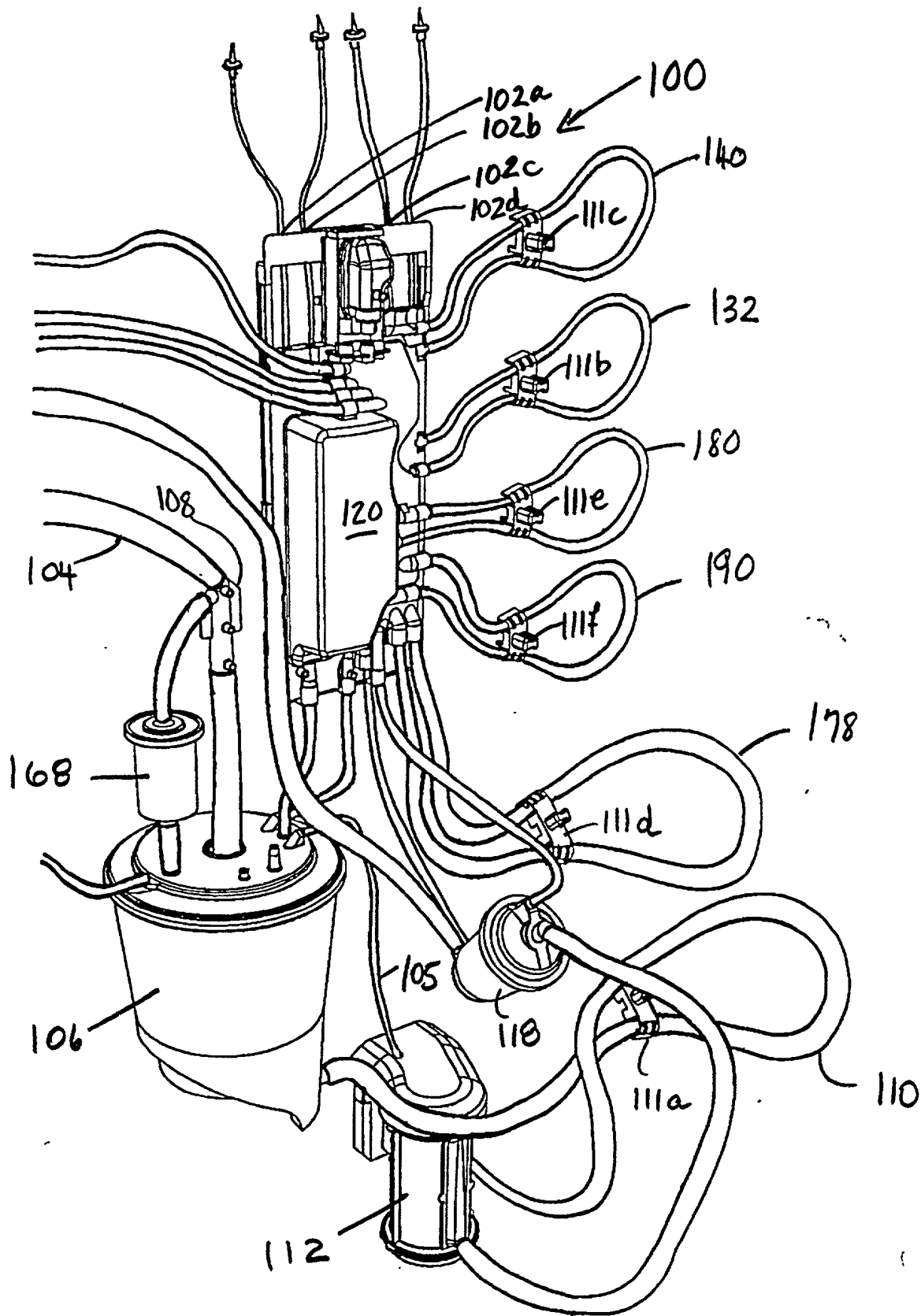


FIG. 2A

09963793.092601  
T09260" E52E9660

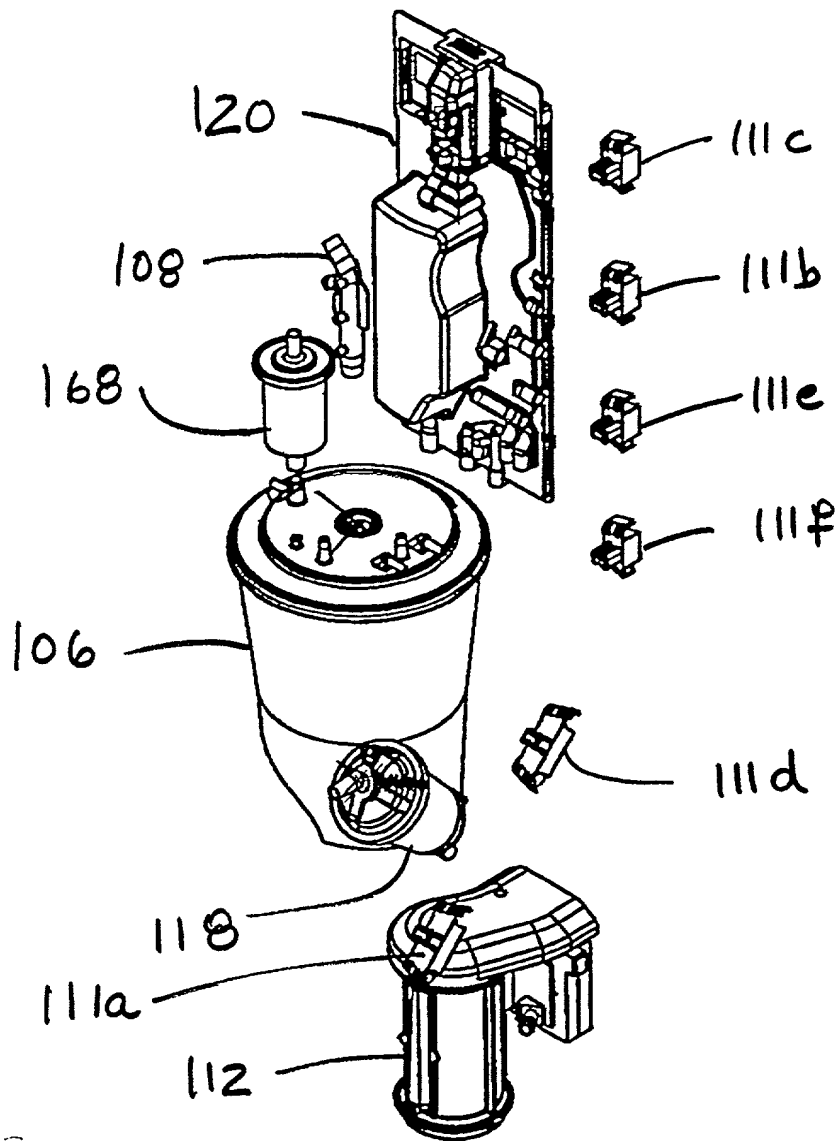


FIG.2B

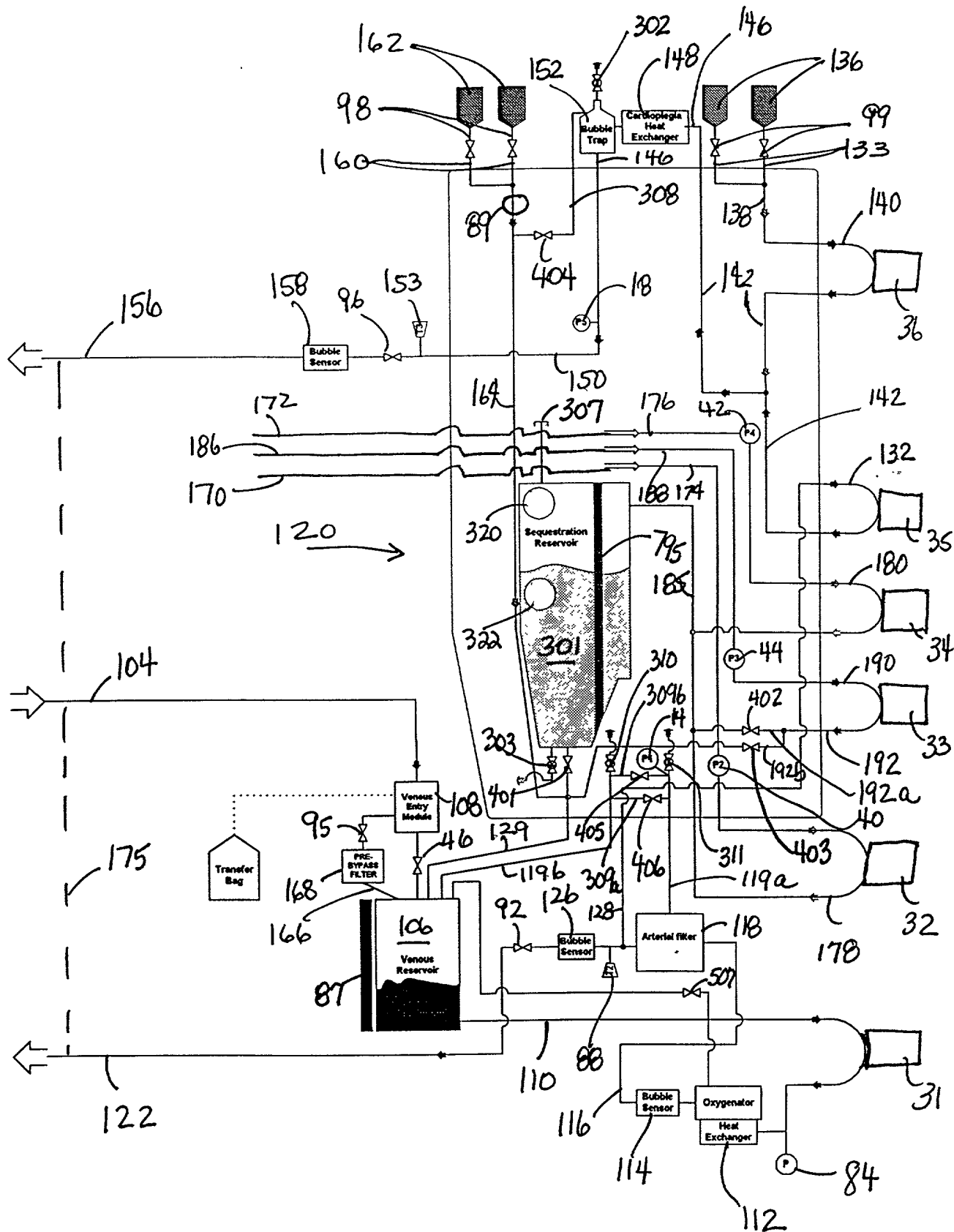


FIG. 3A

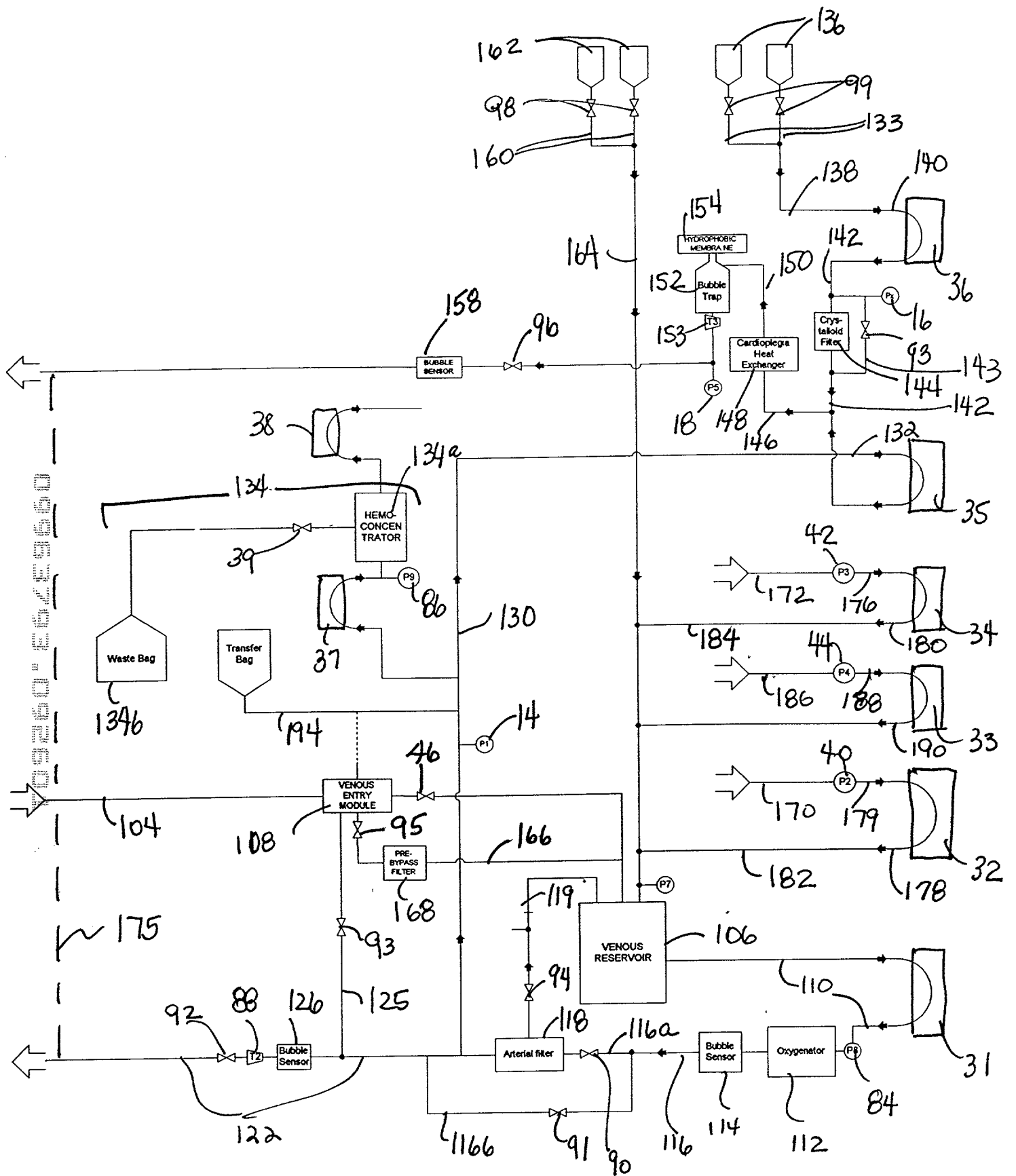


FIG. 3B

FIG. 12

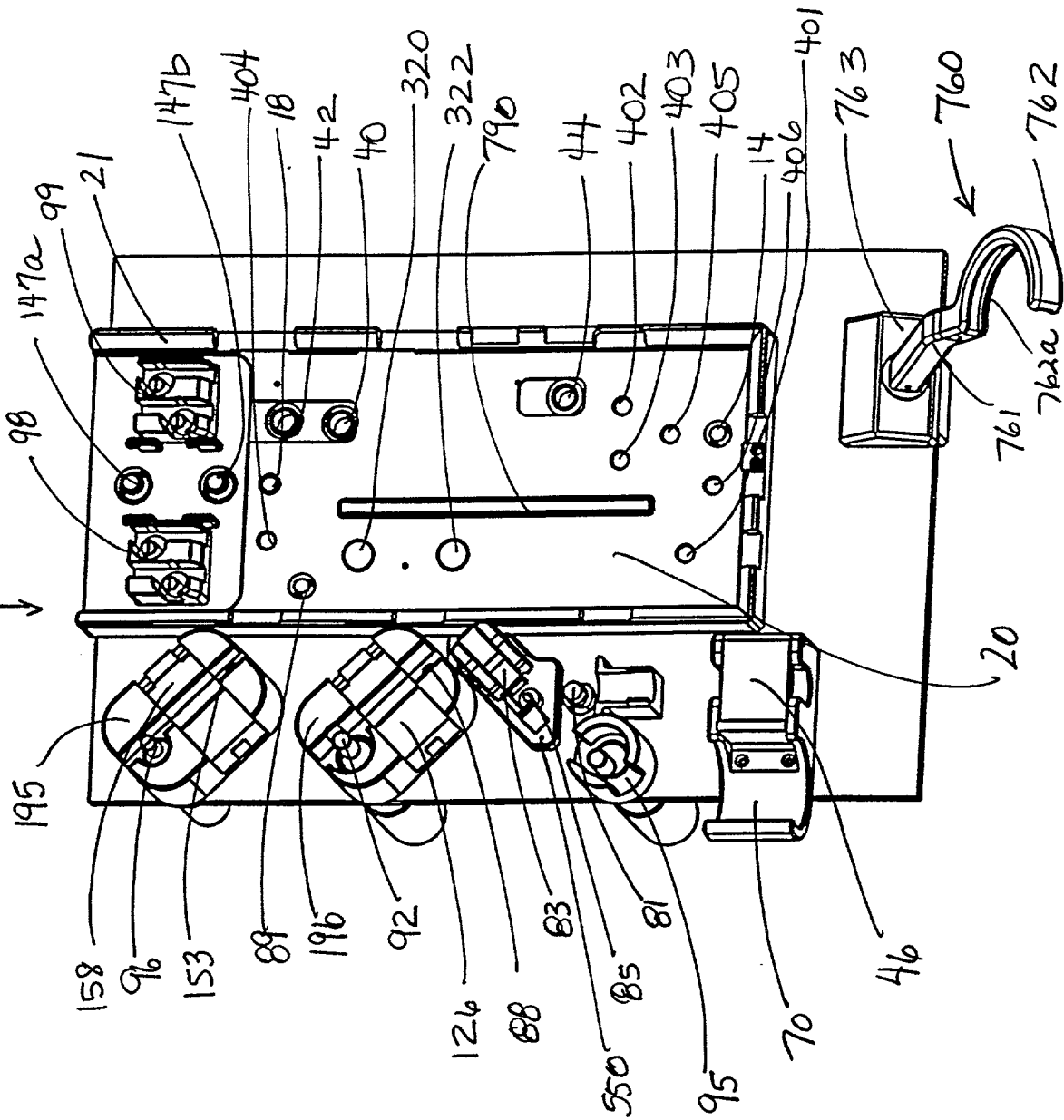


FIG. 12

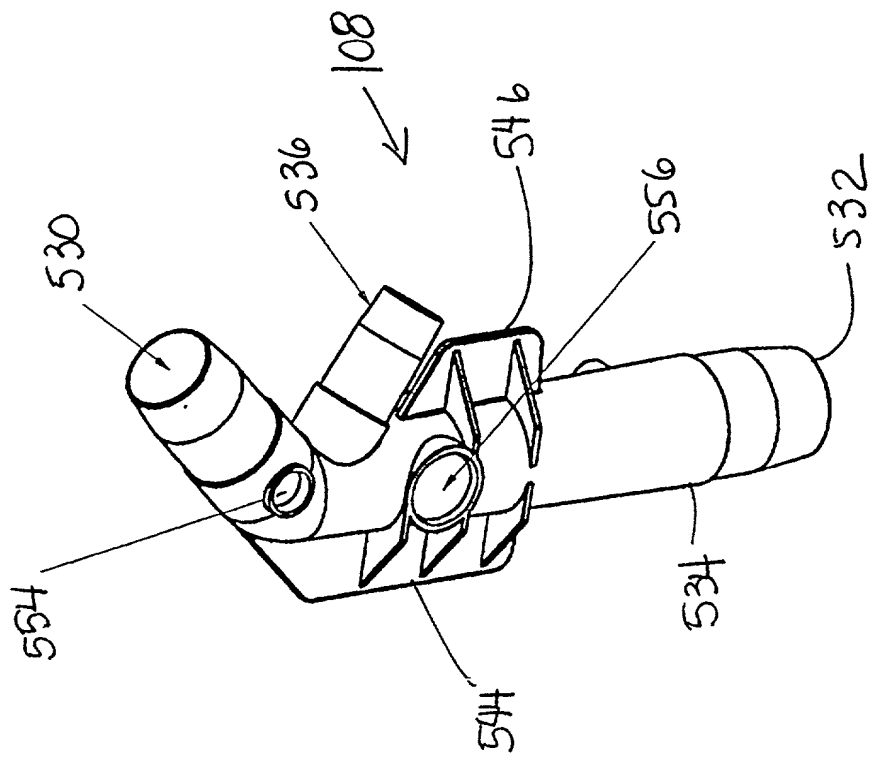


FIG. 5B

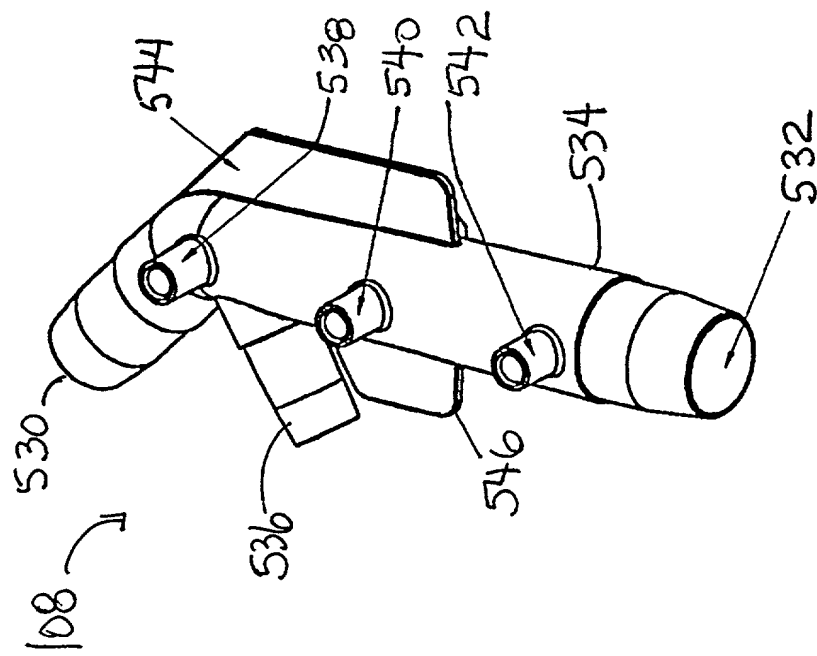
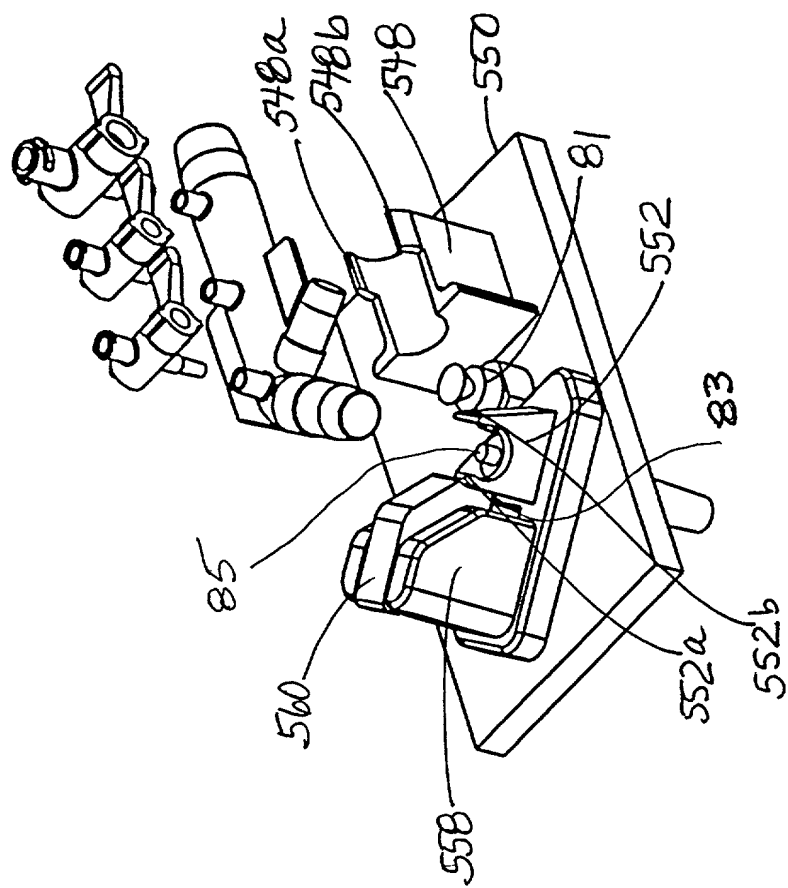
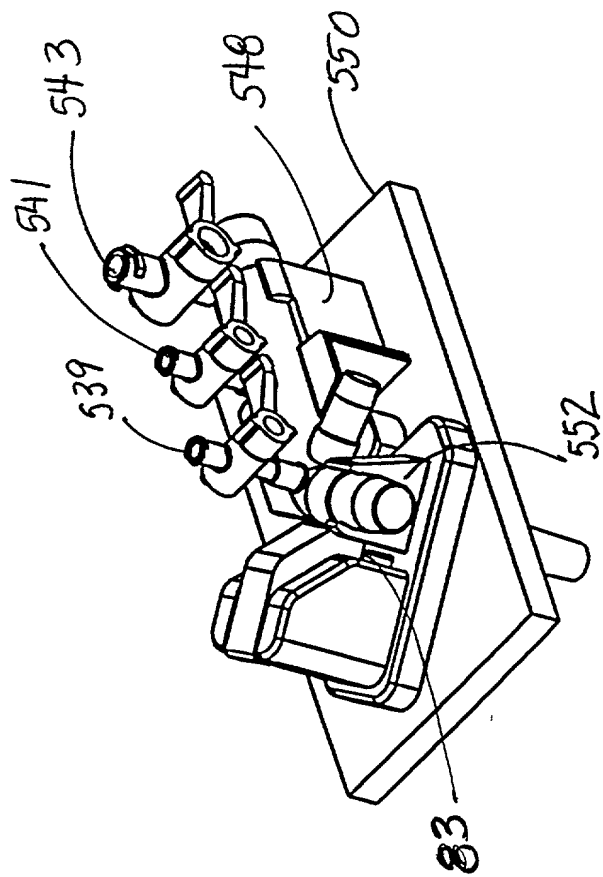


FIG. 5A



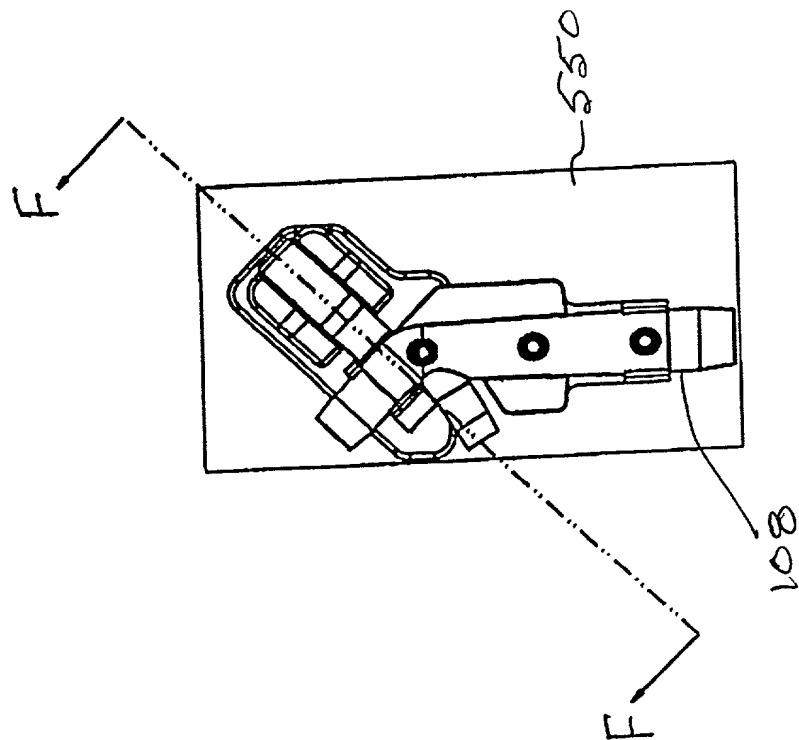


FIG. 5E

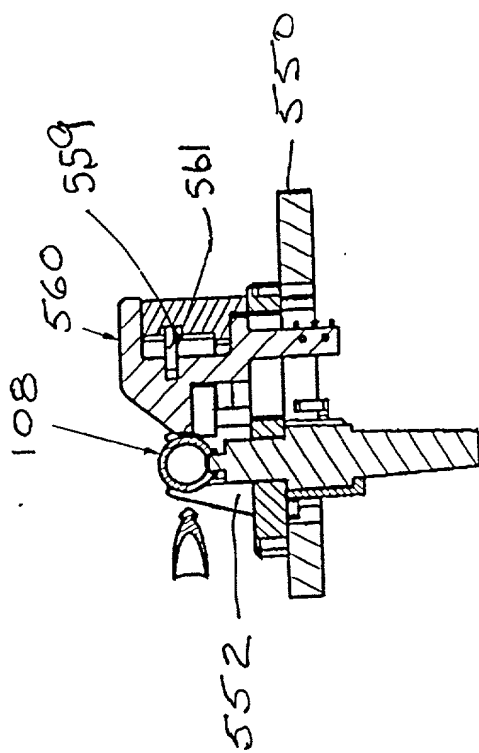


FIG. 5F

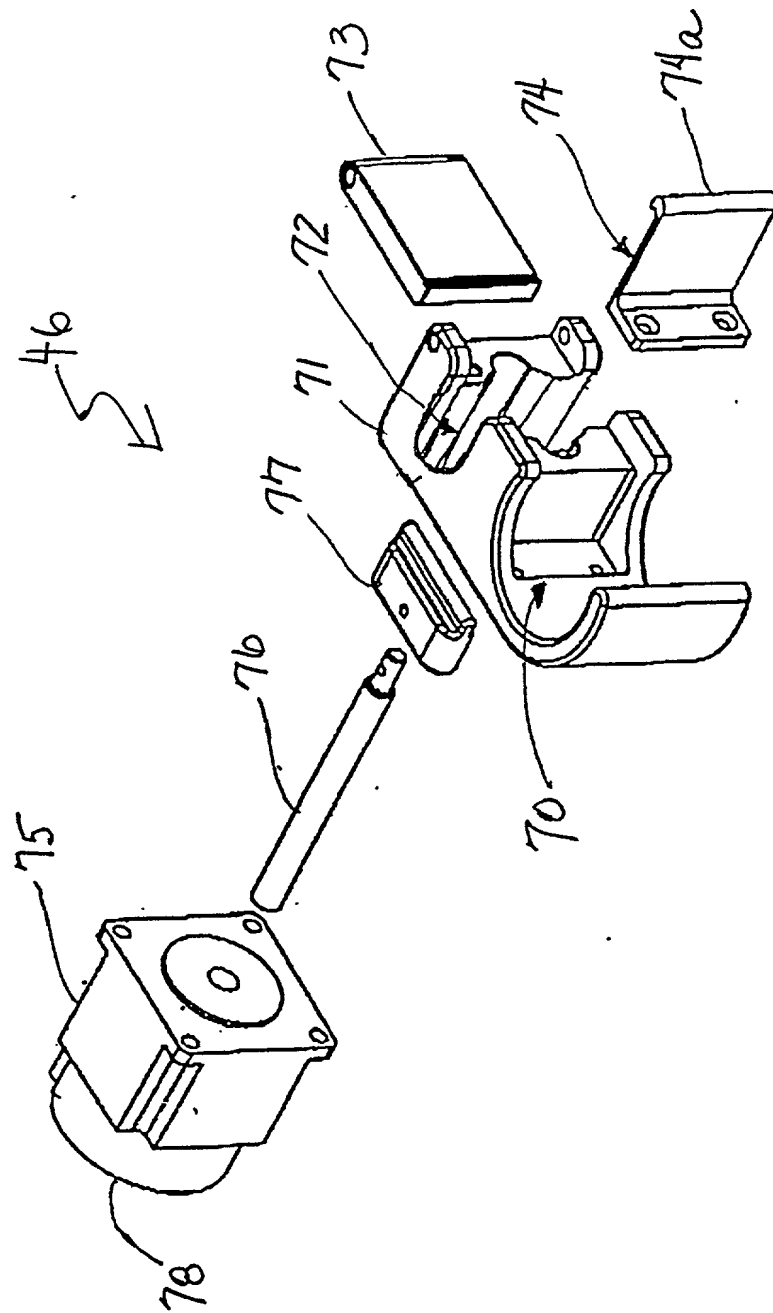
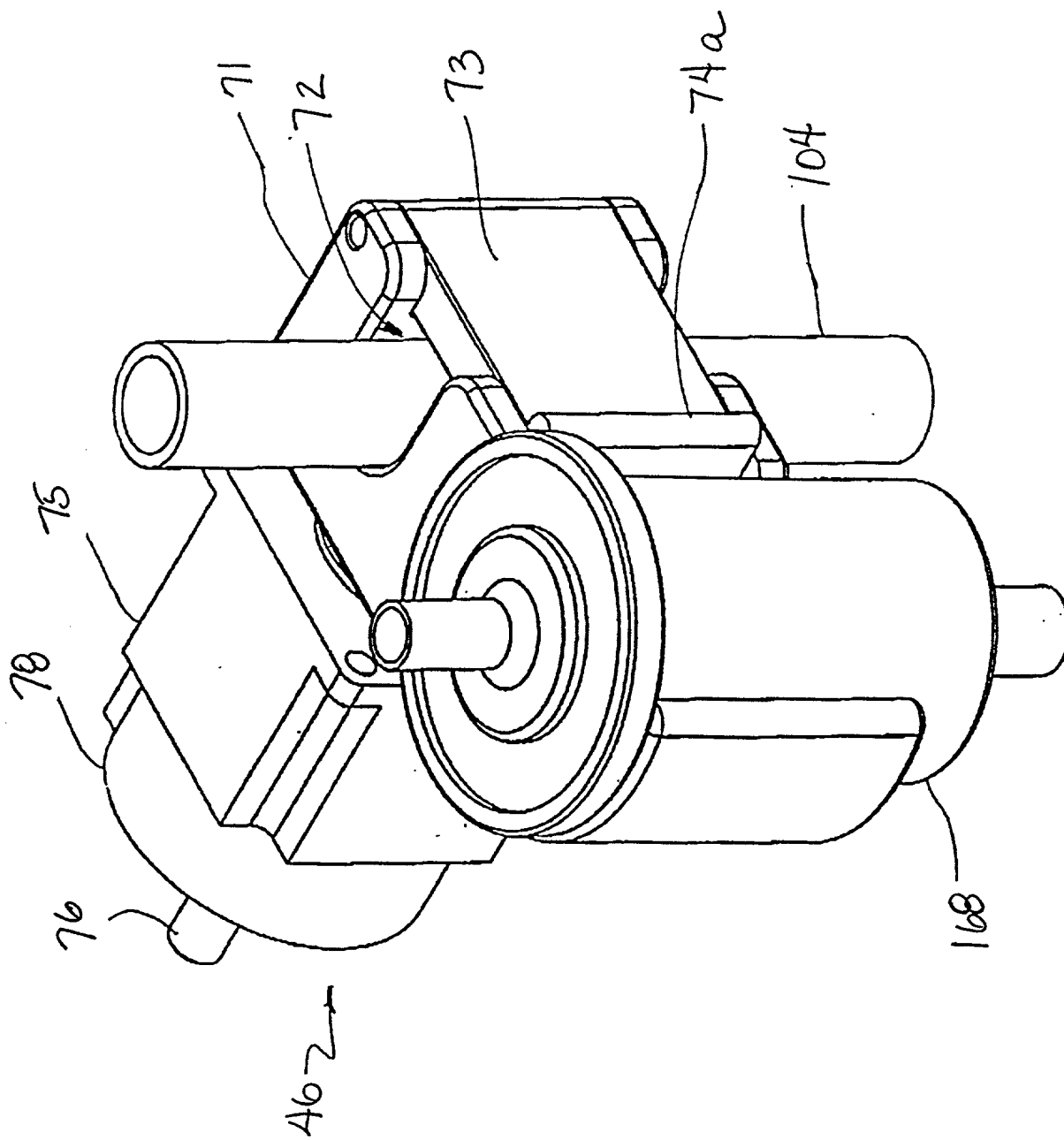


FIG. 6A



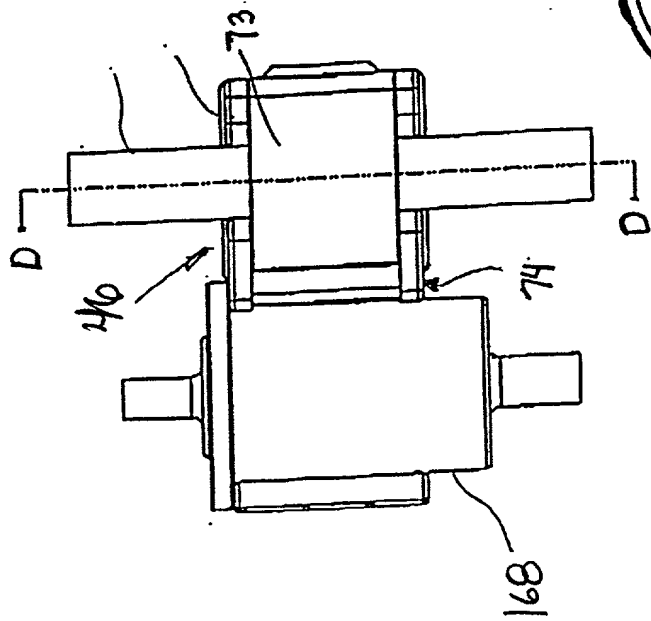


FIG. 6C

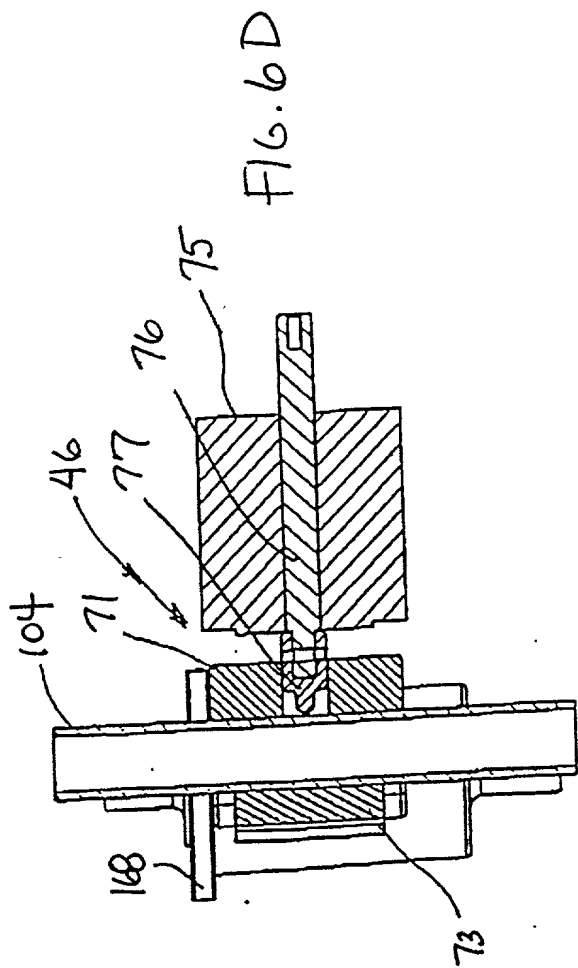


FIG. 6D

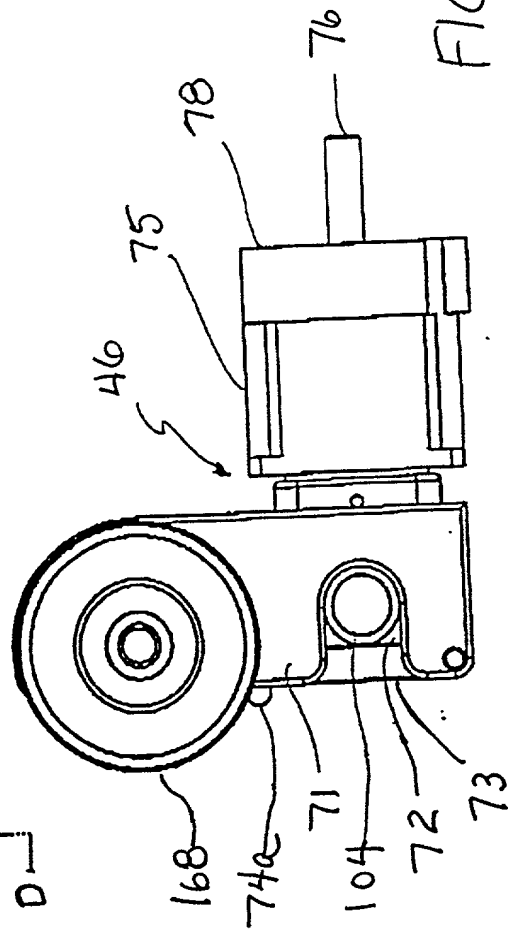


FIG. 6E

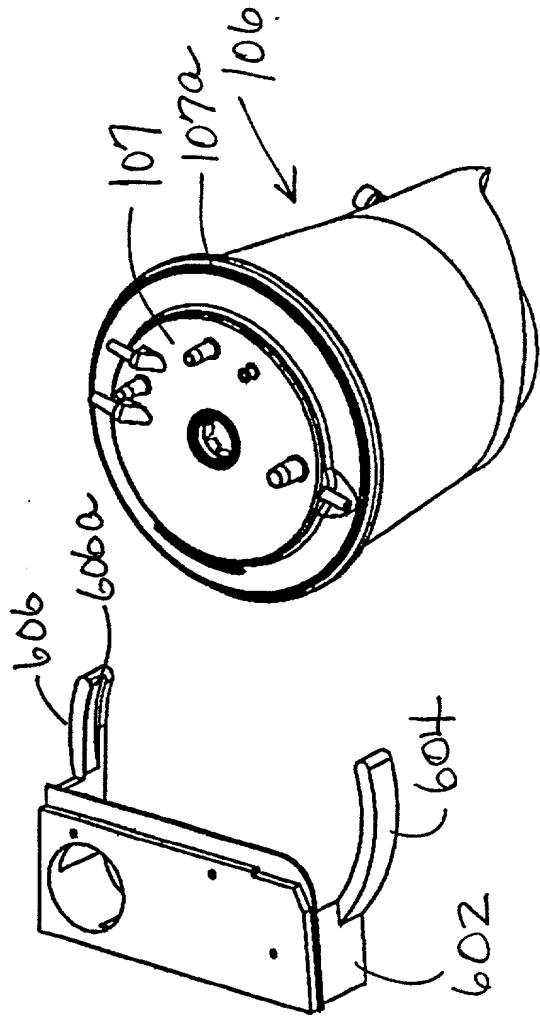


FIG. 7A

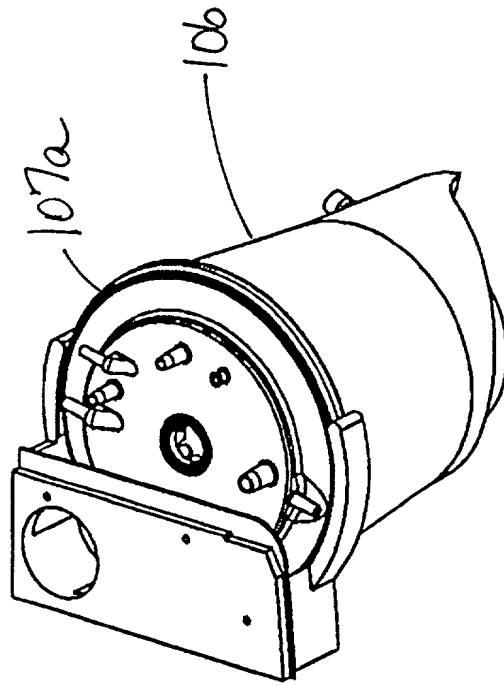
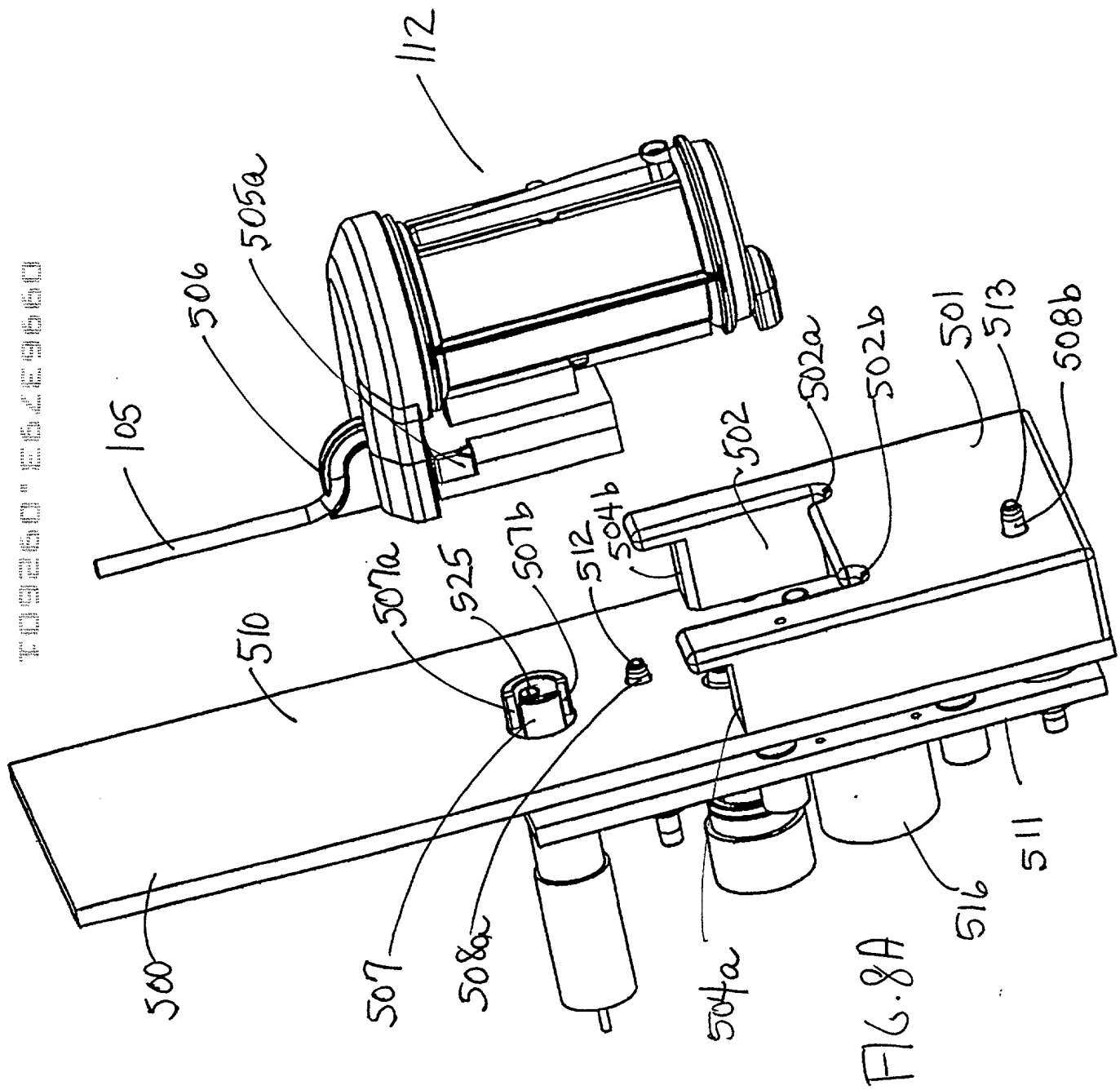


FIG. 7B



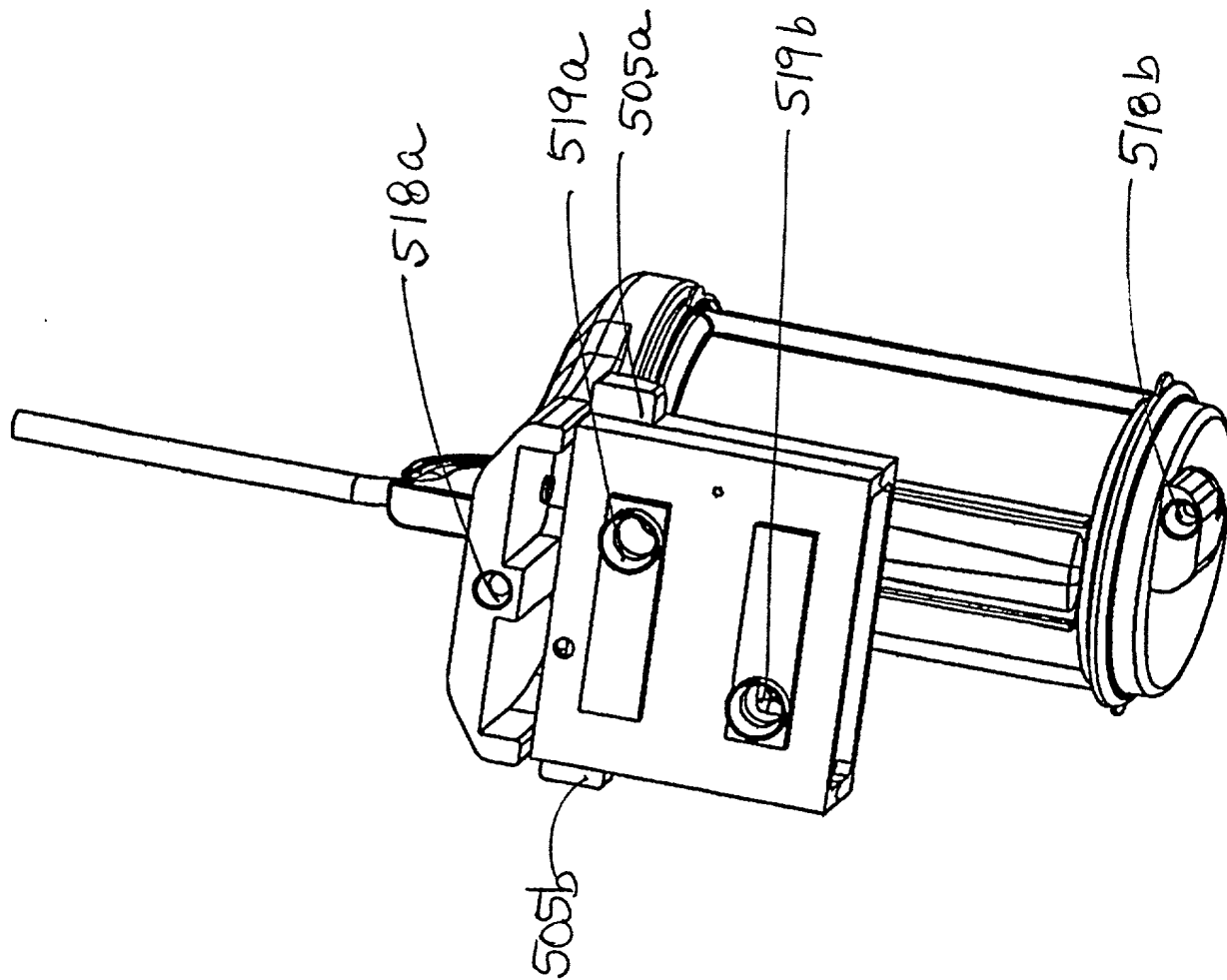


FIG. 8B

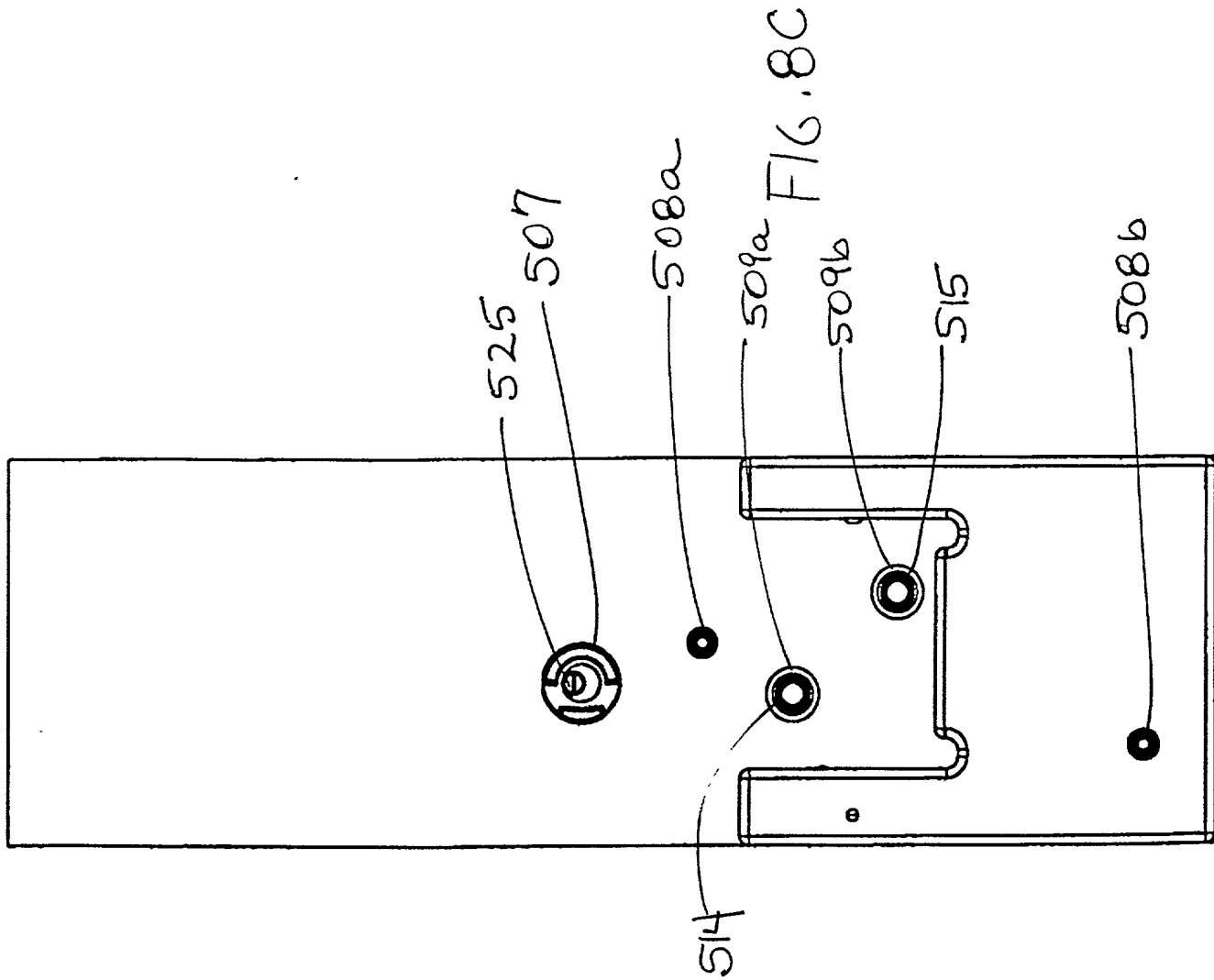
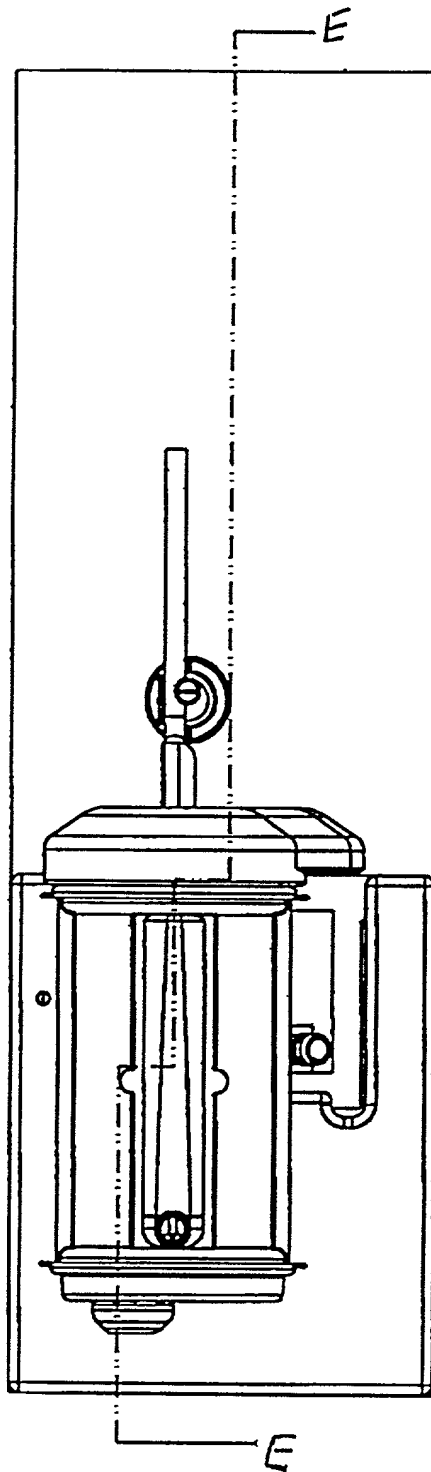
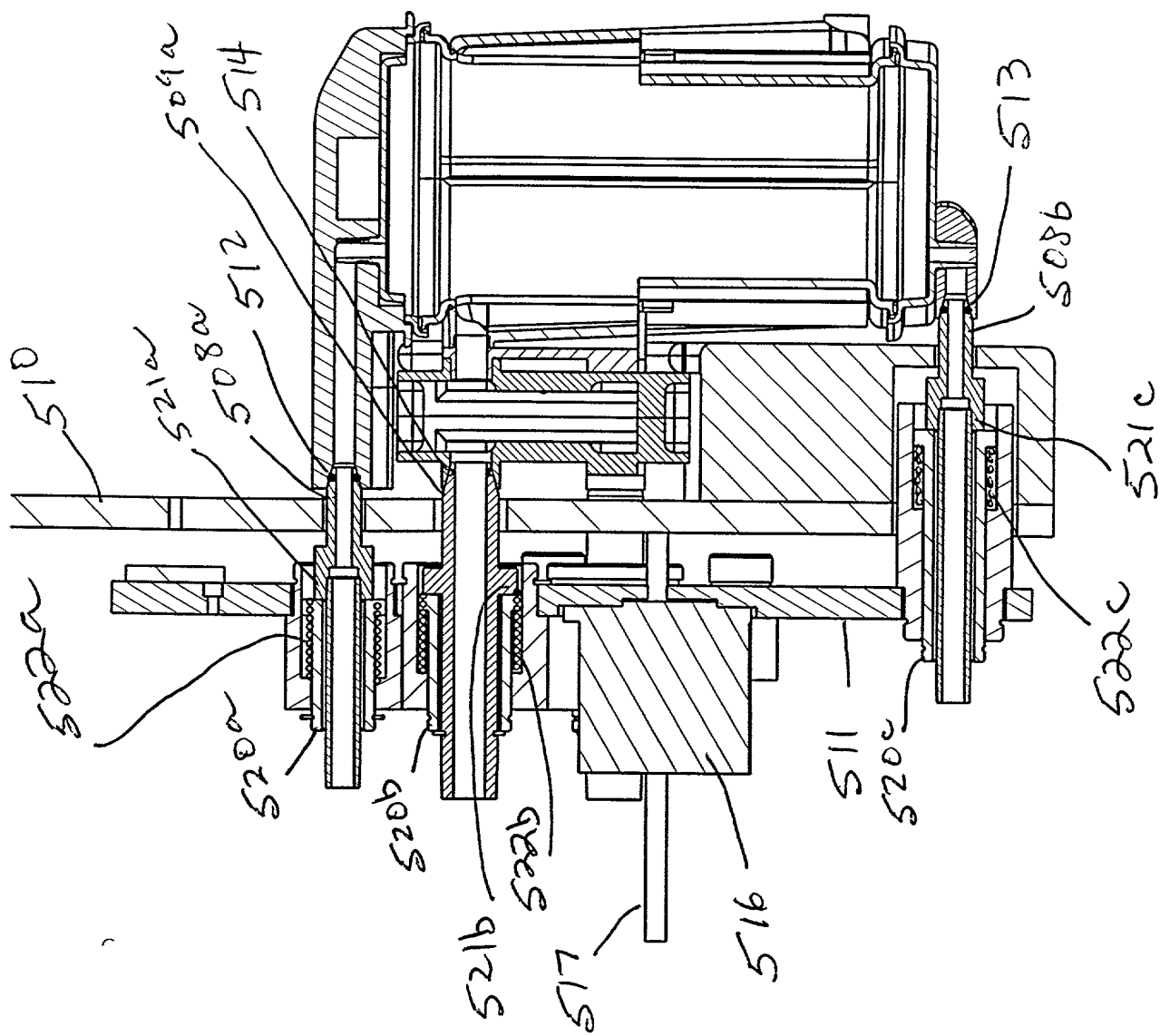
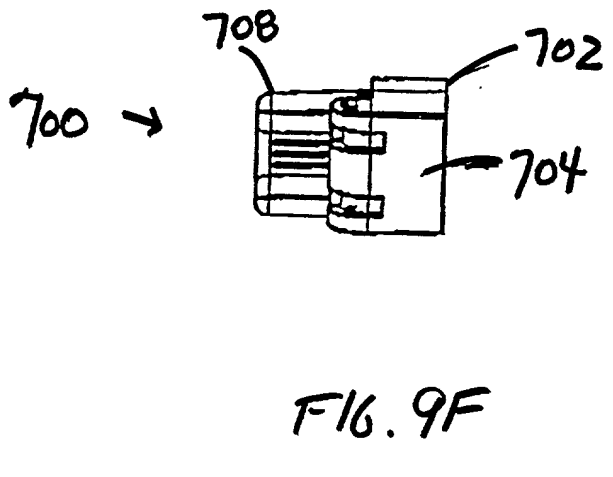
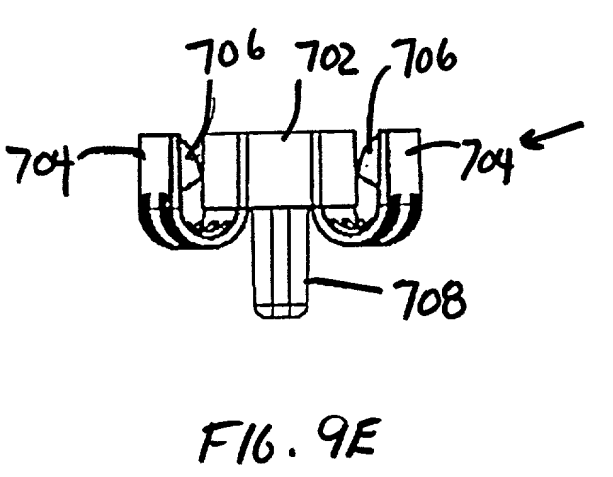
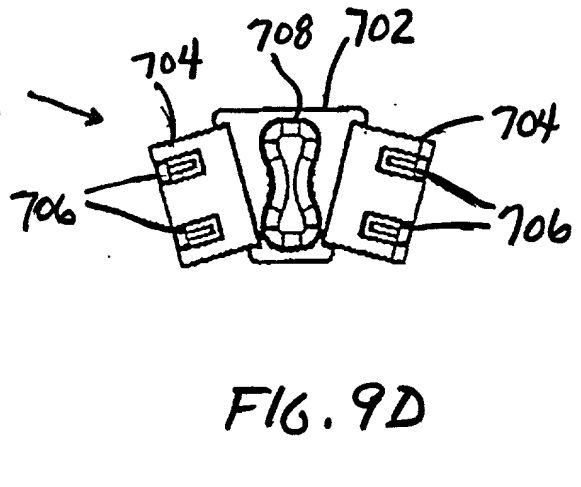
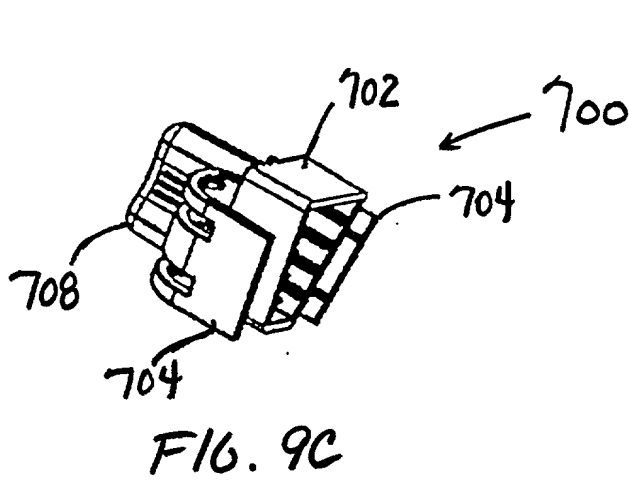
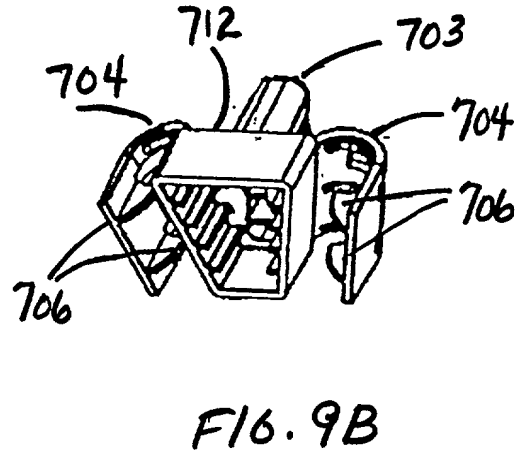
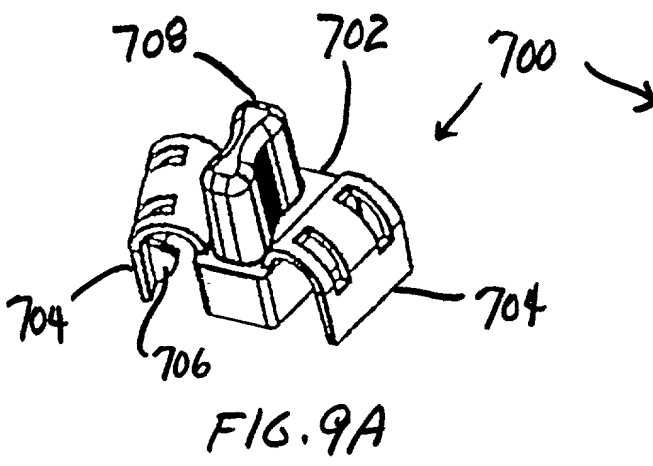


FIG. 8D





6. 8. 11.



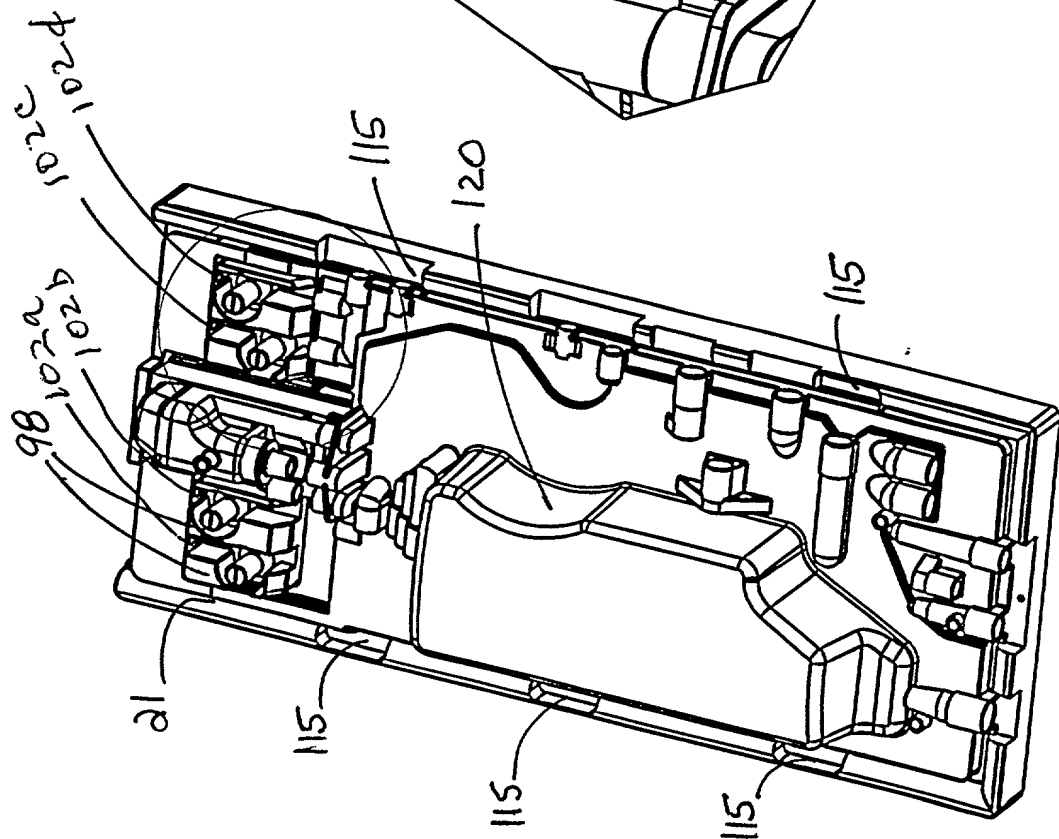


FIG. 10A

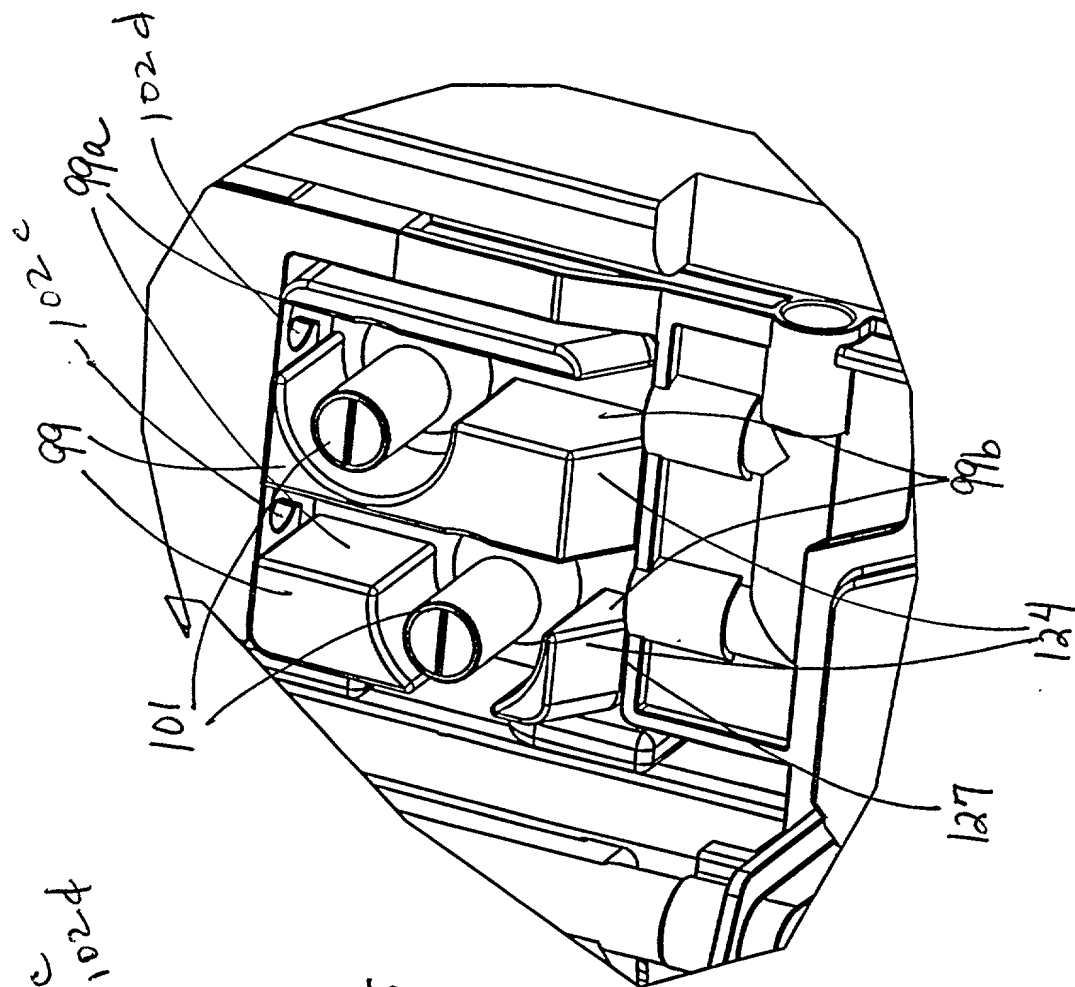


FIG. 10B

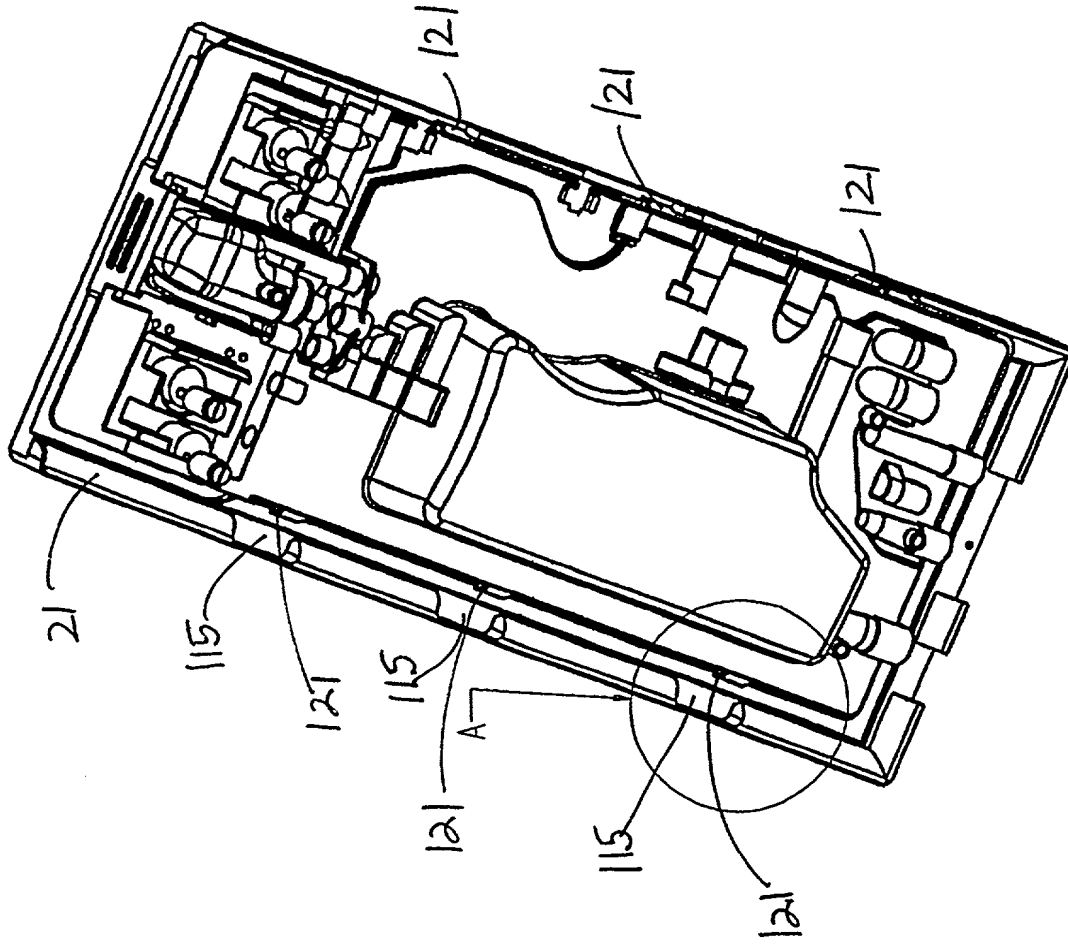


FIG. 10C

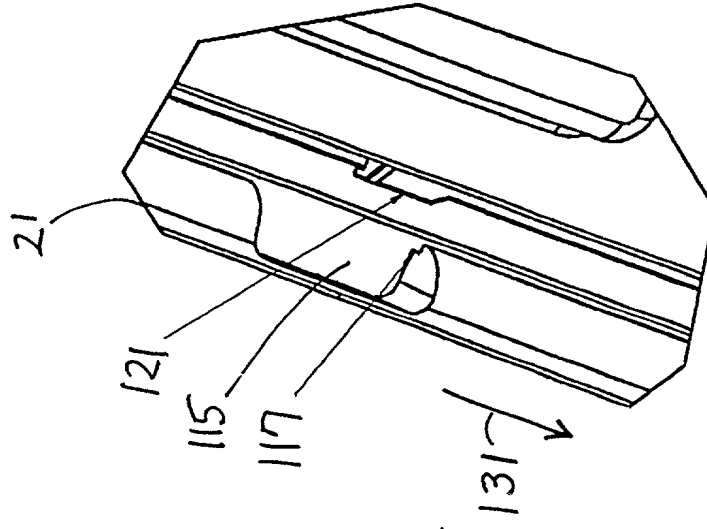


FIG. 10D

FIG. 11

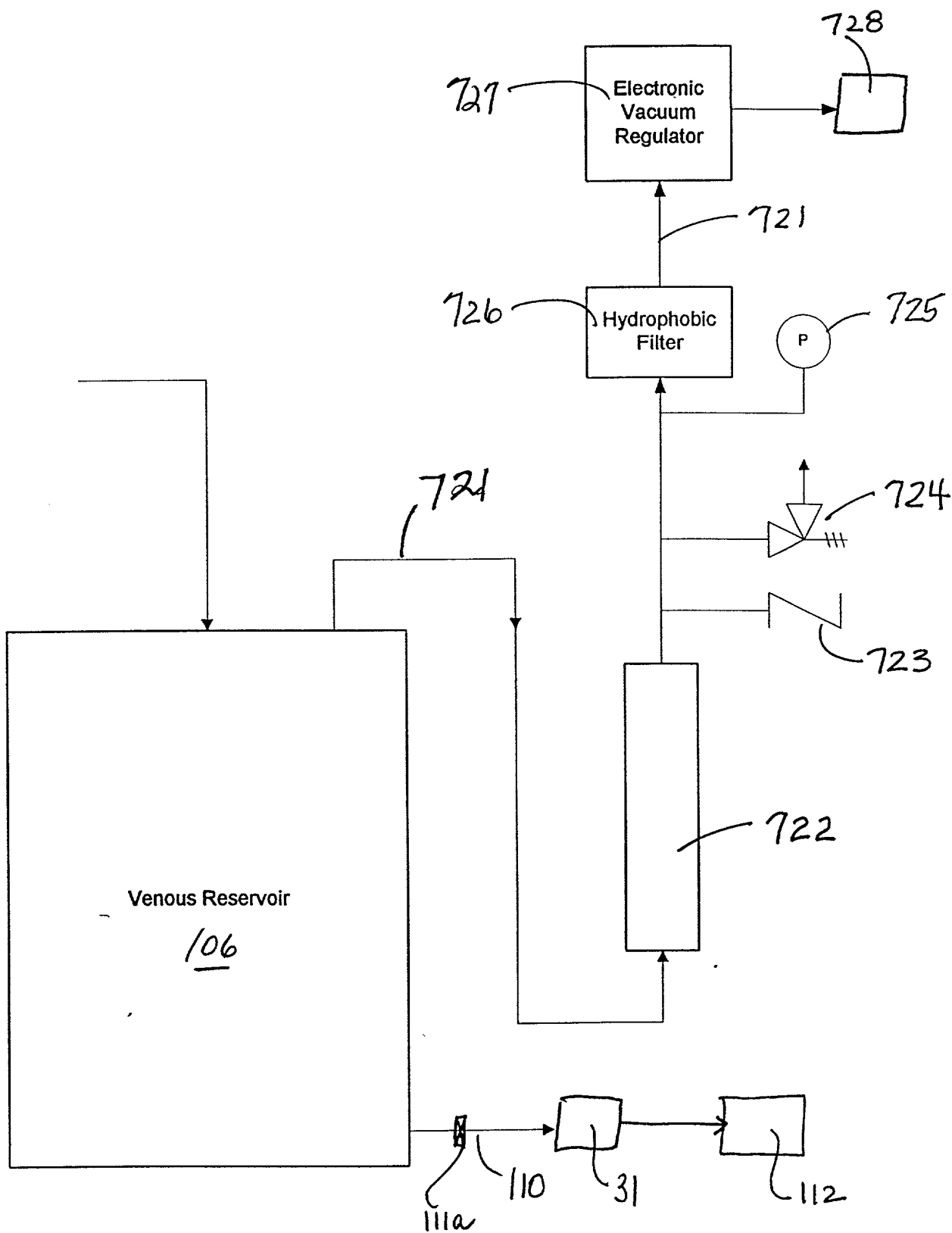


FIG. 11

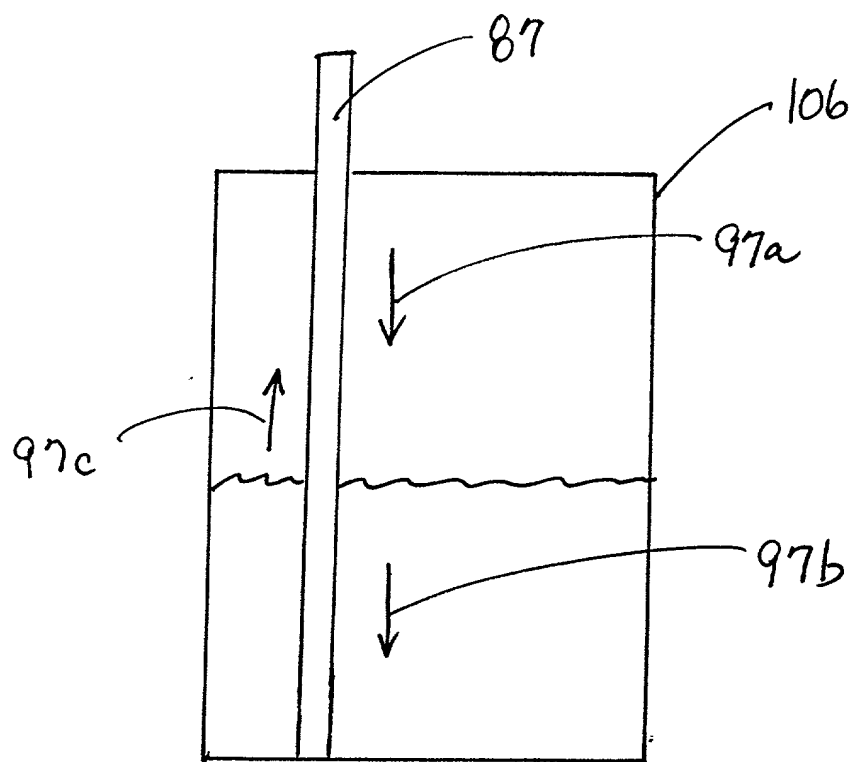


FIG. 12

FIG. 13

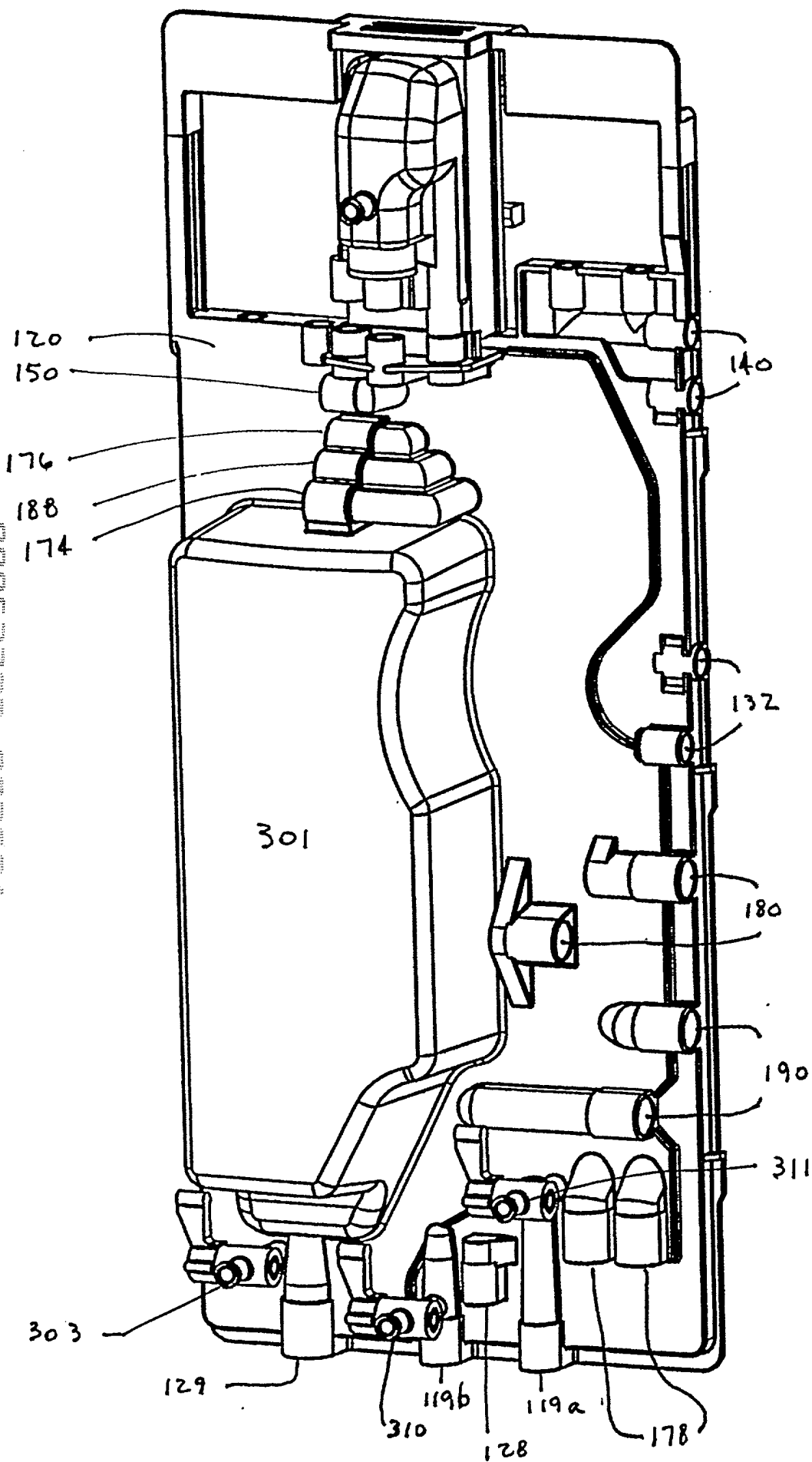


FIG. 13

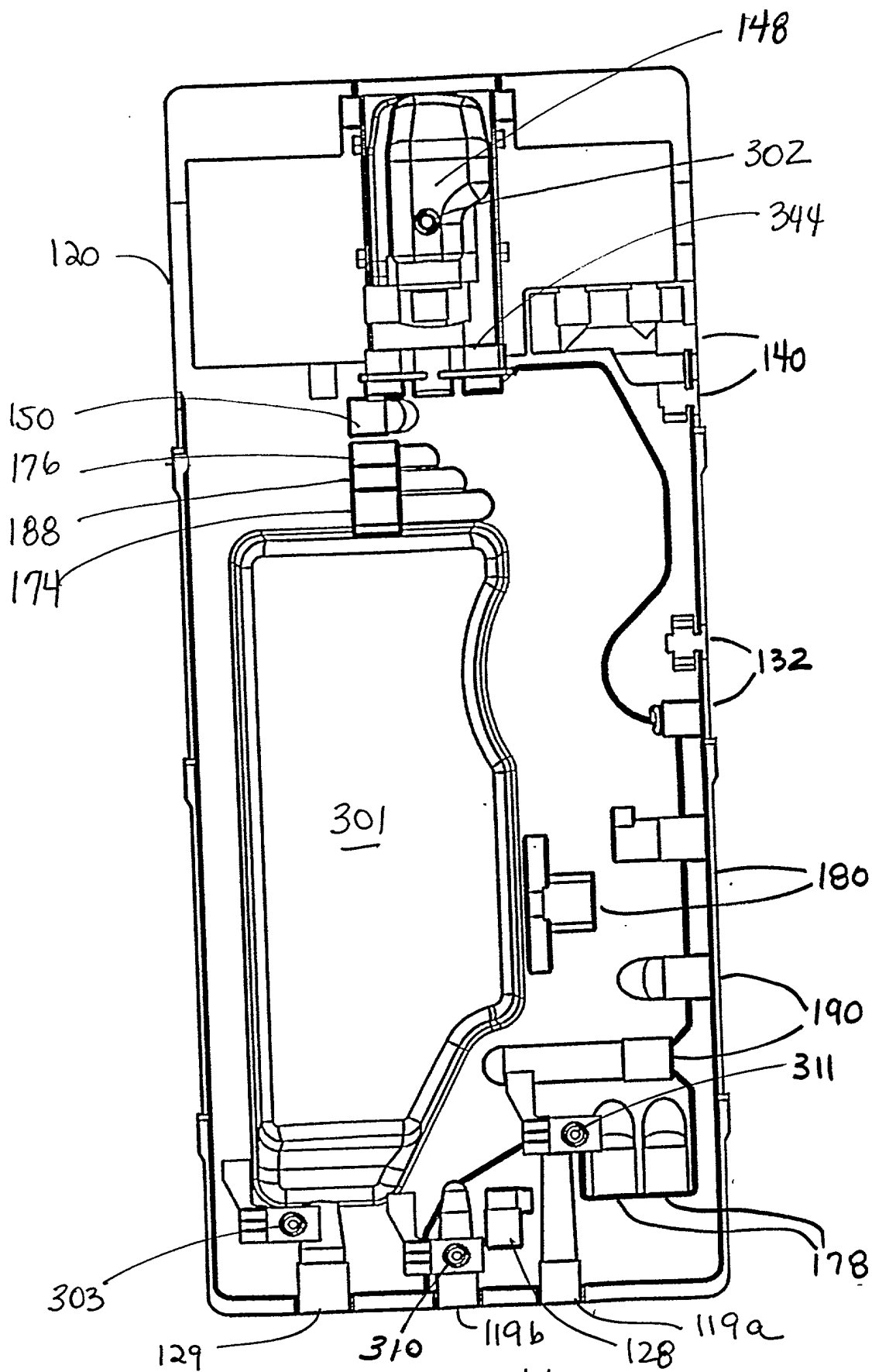


FIG. 14

FIG. 15

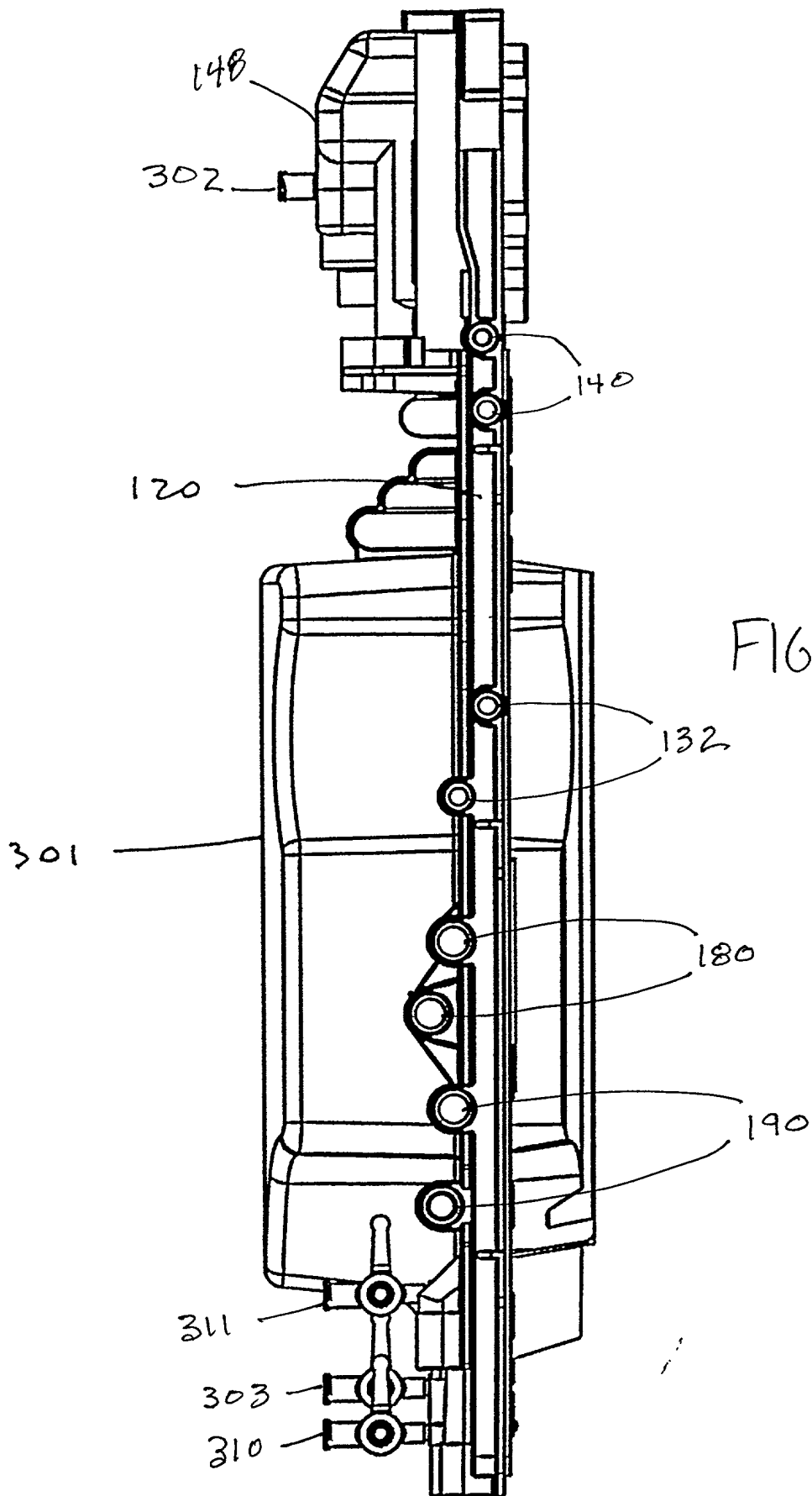
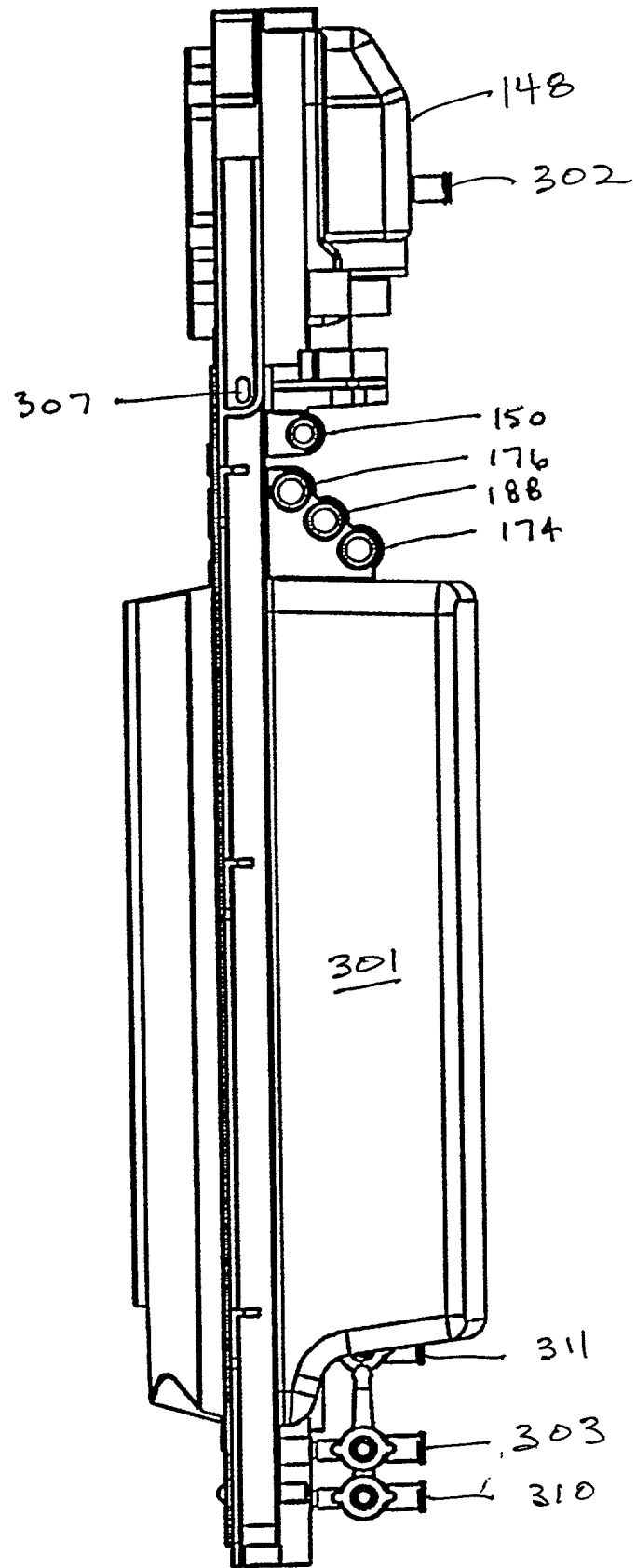


FIG. 16

FIG. 16



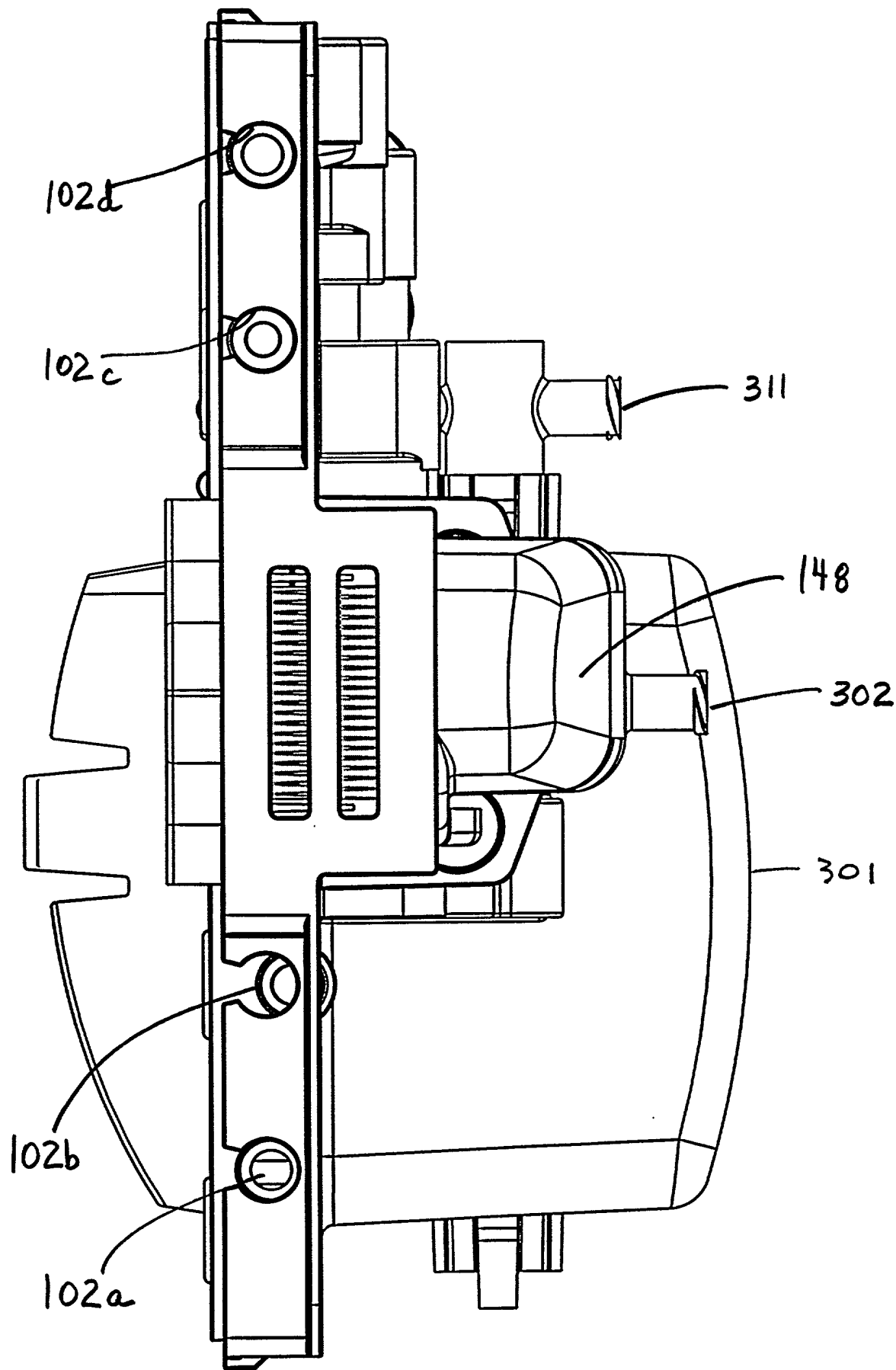


FIG. 17

FIG. 18

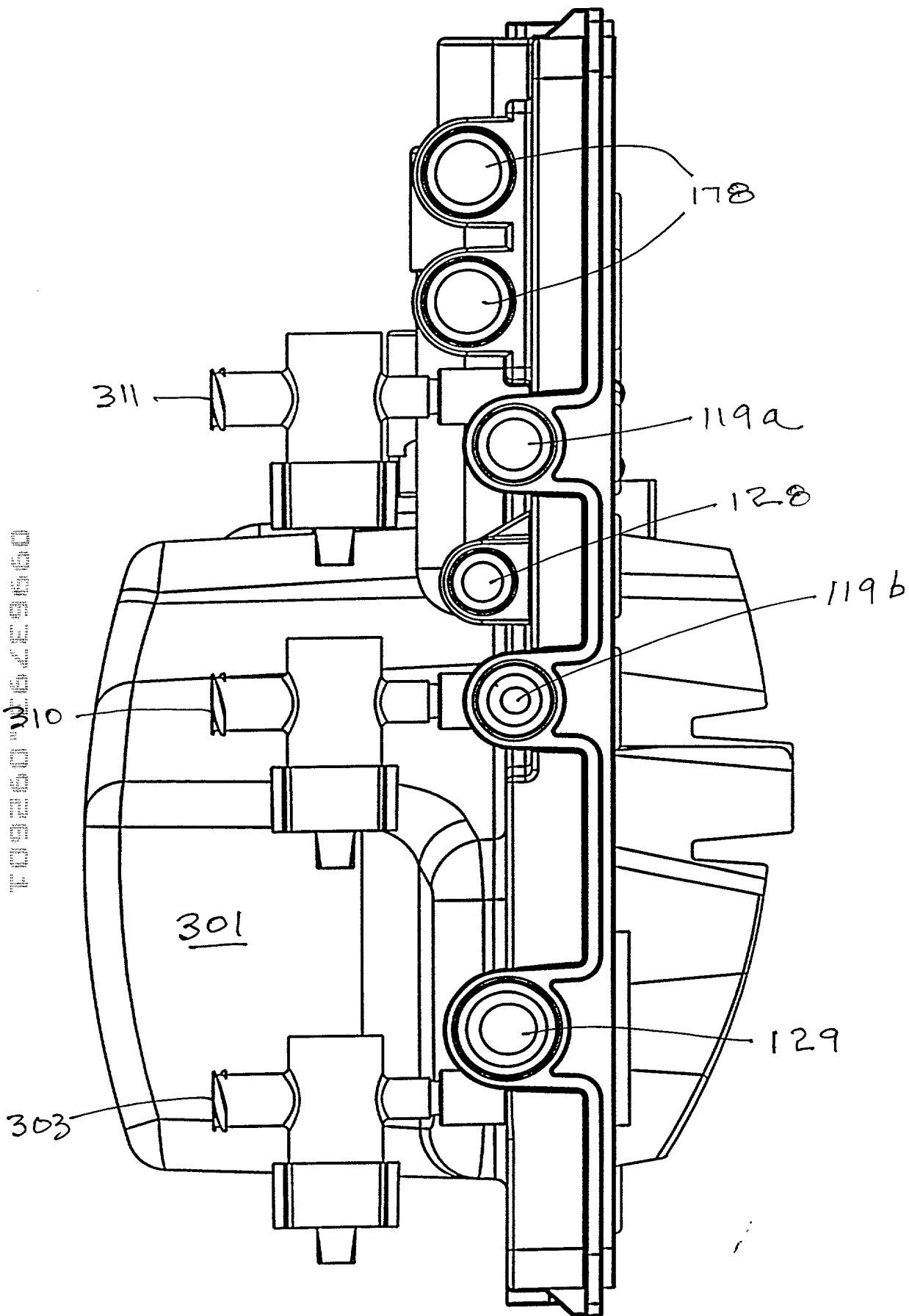
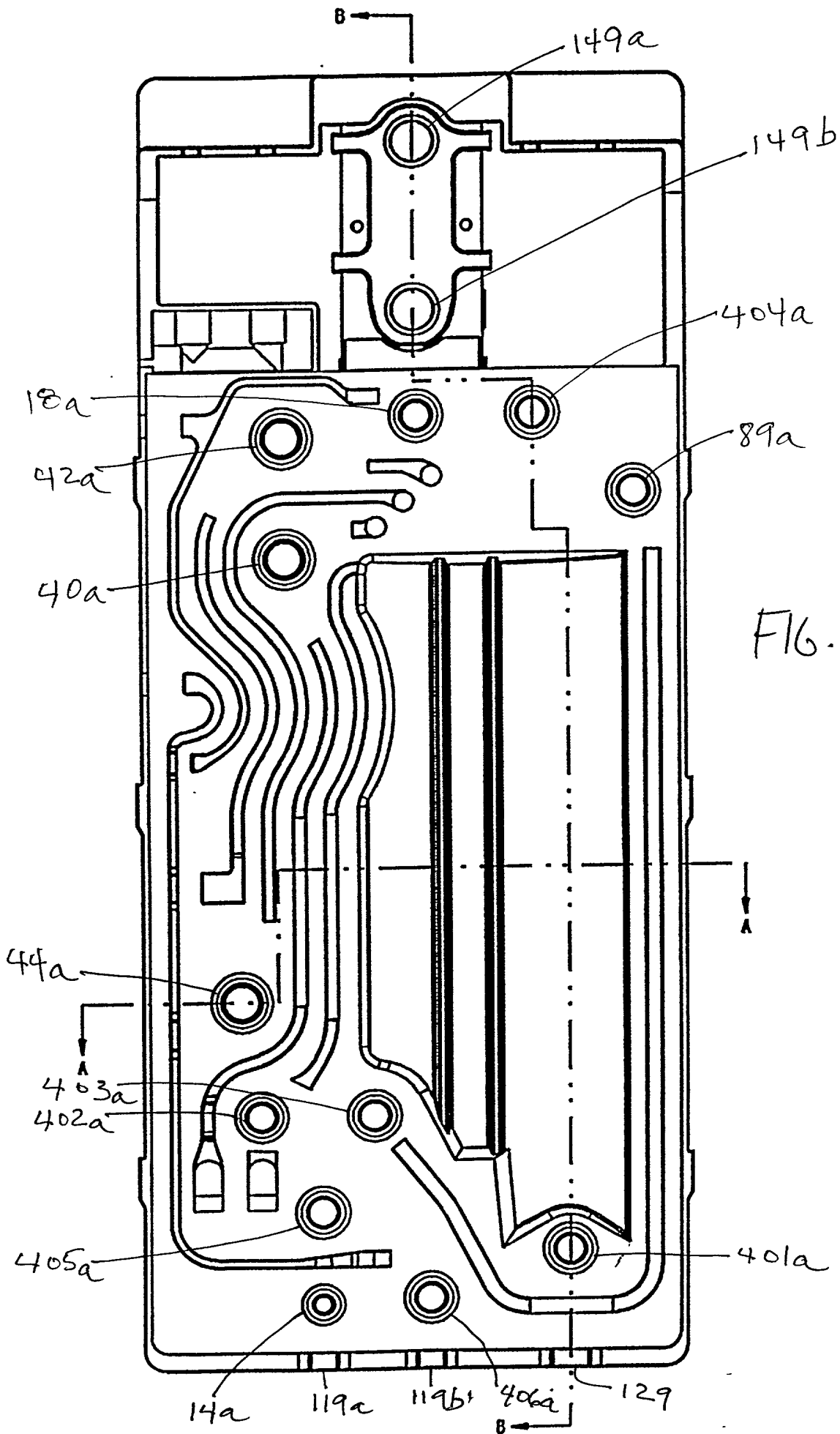


FIG. 18

09260" E62E9660



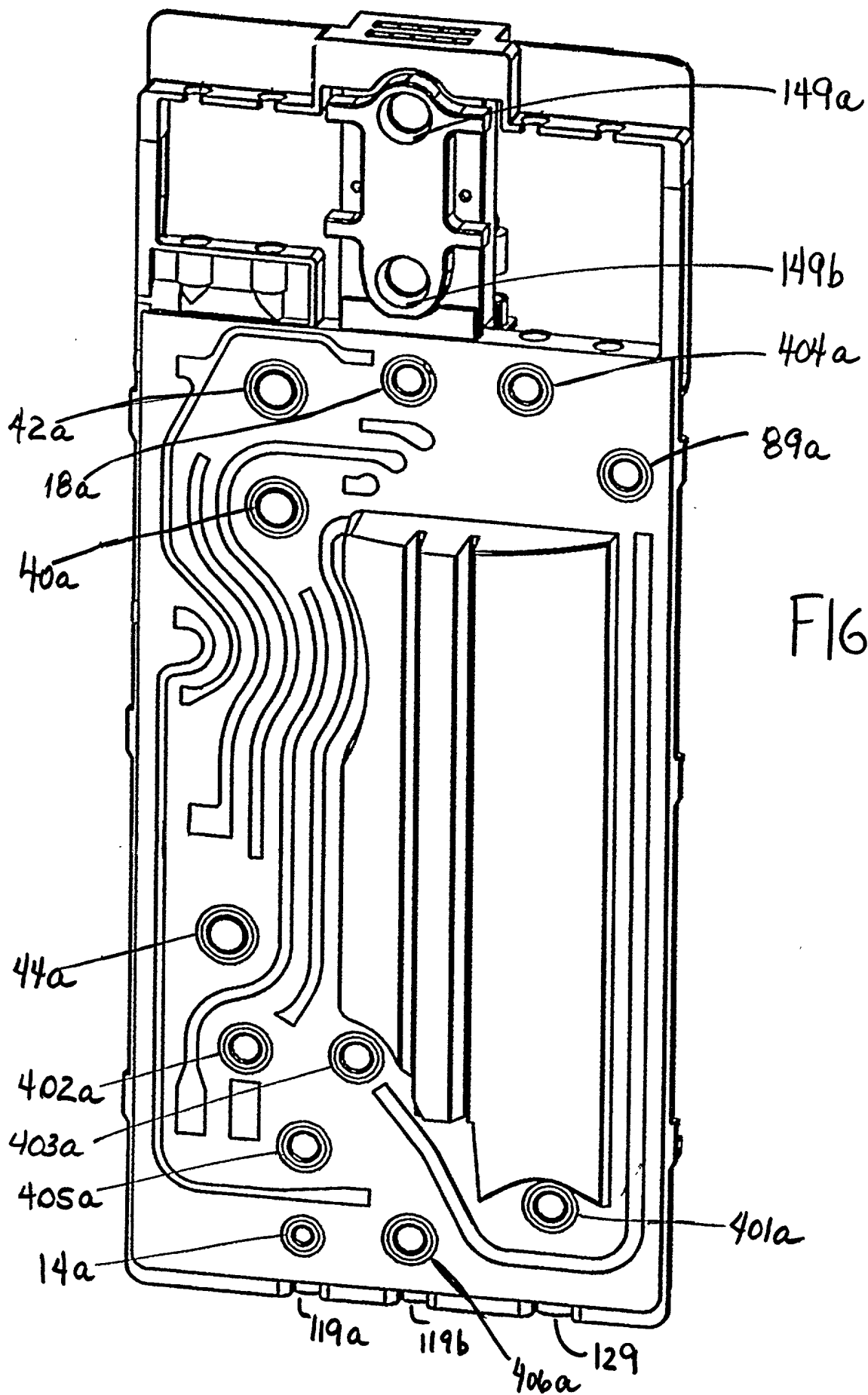


FIG. 19B

FIG. 20A

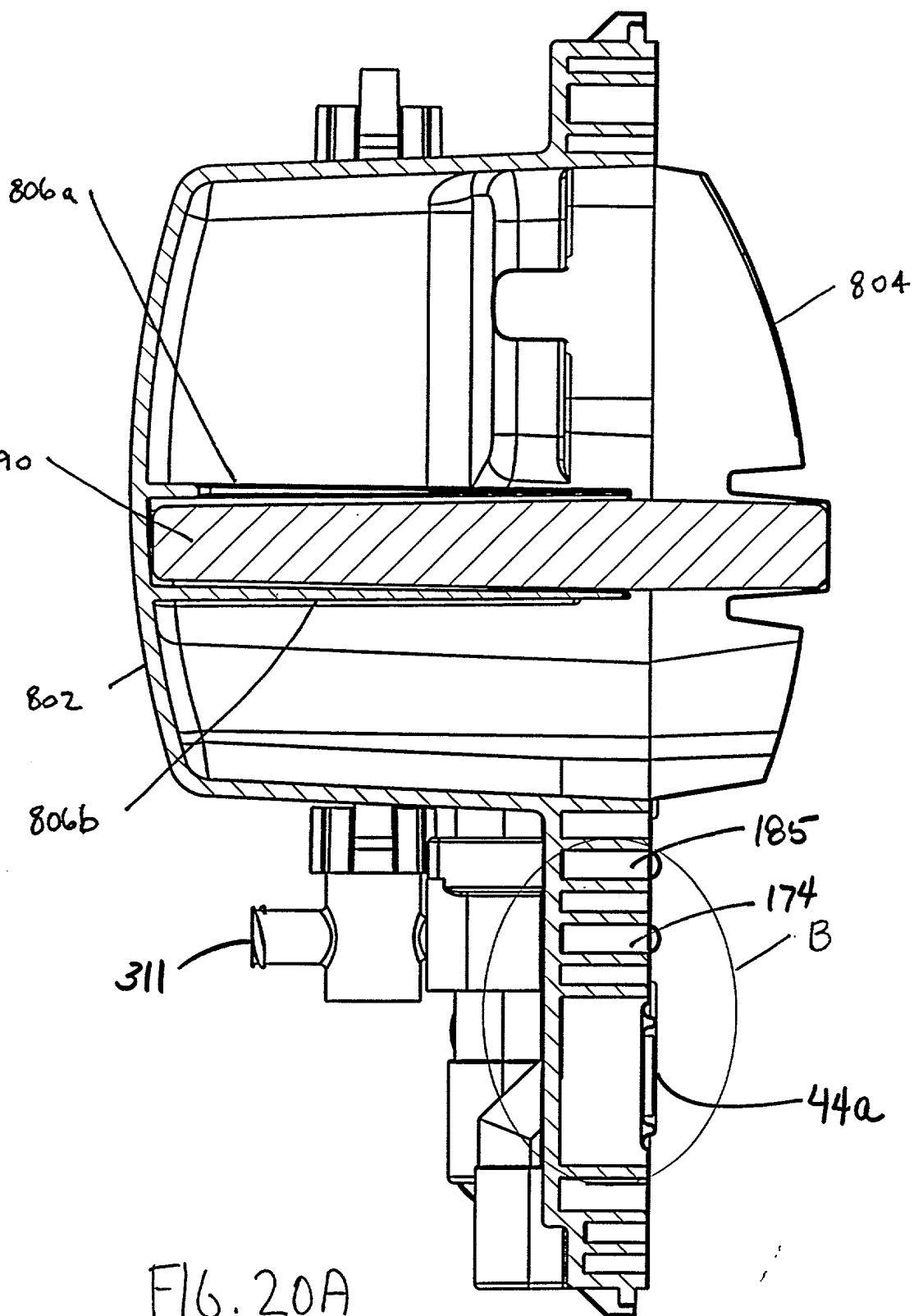


FIG. 20A

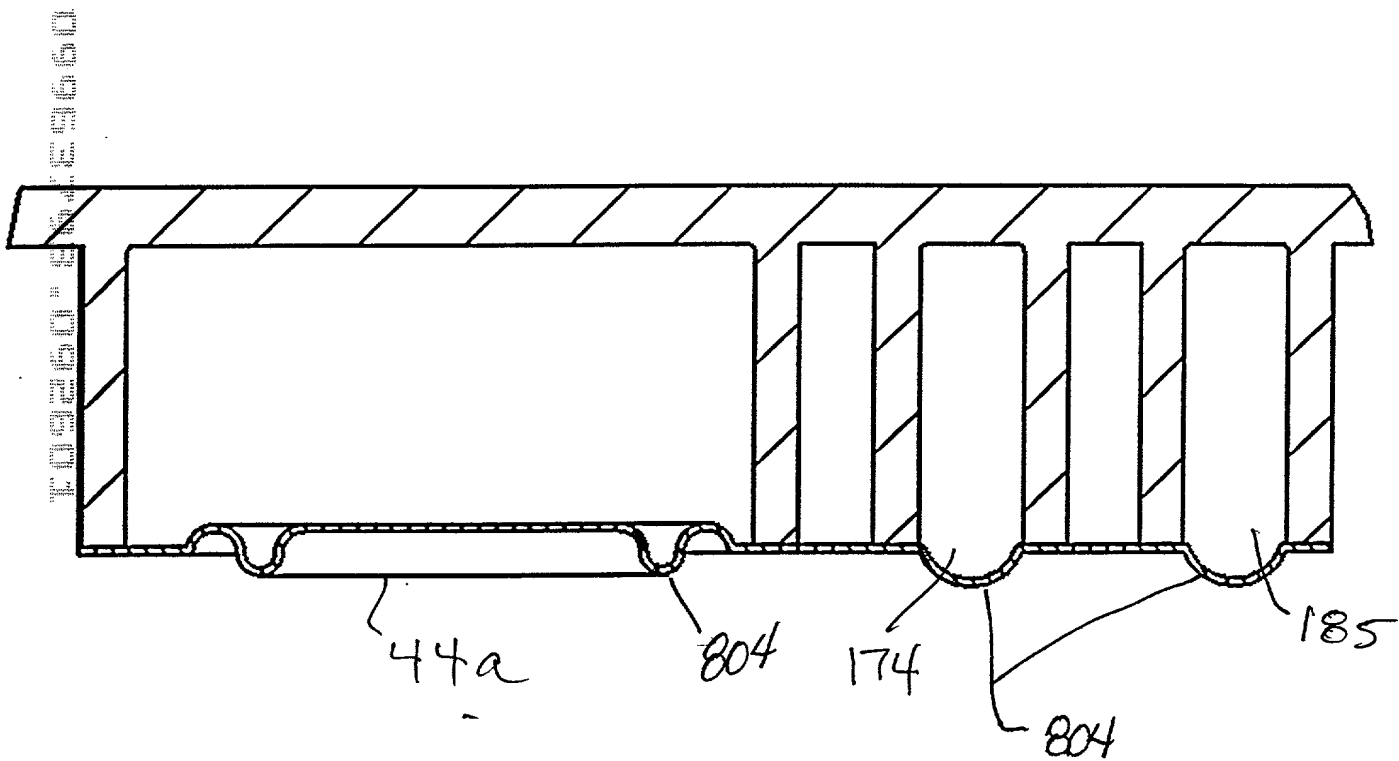


FIG. 20B

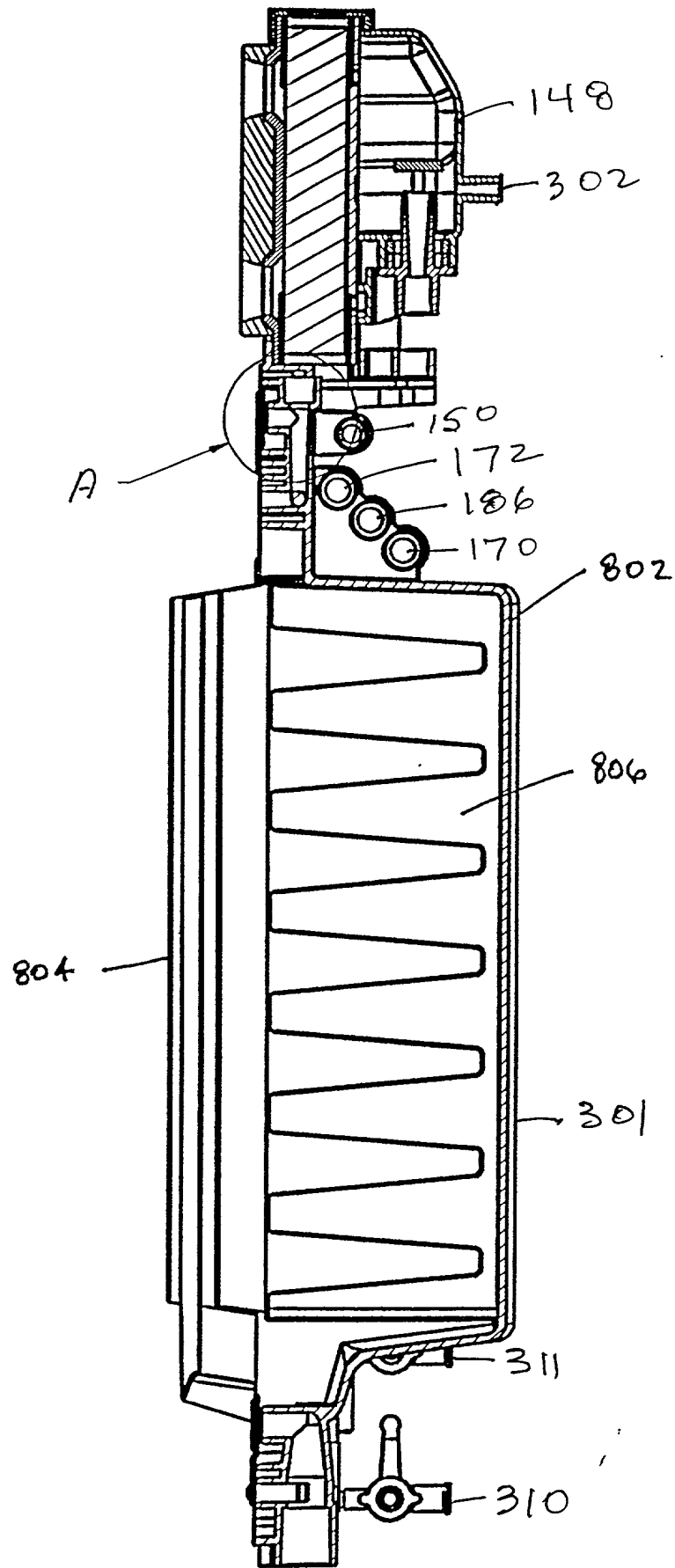


FIG. 21

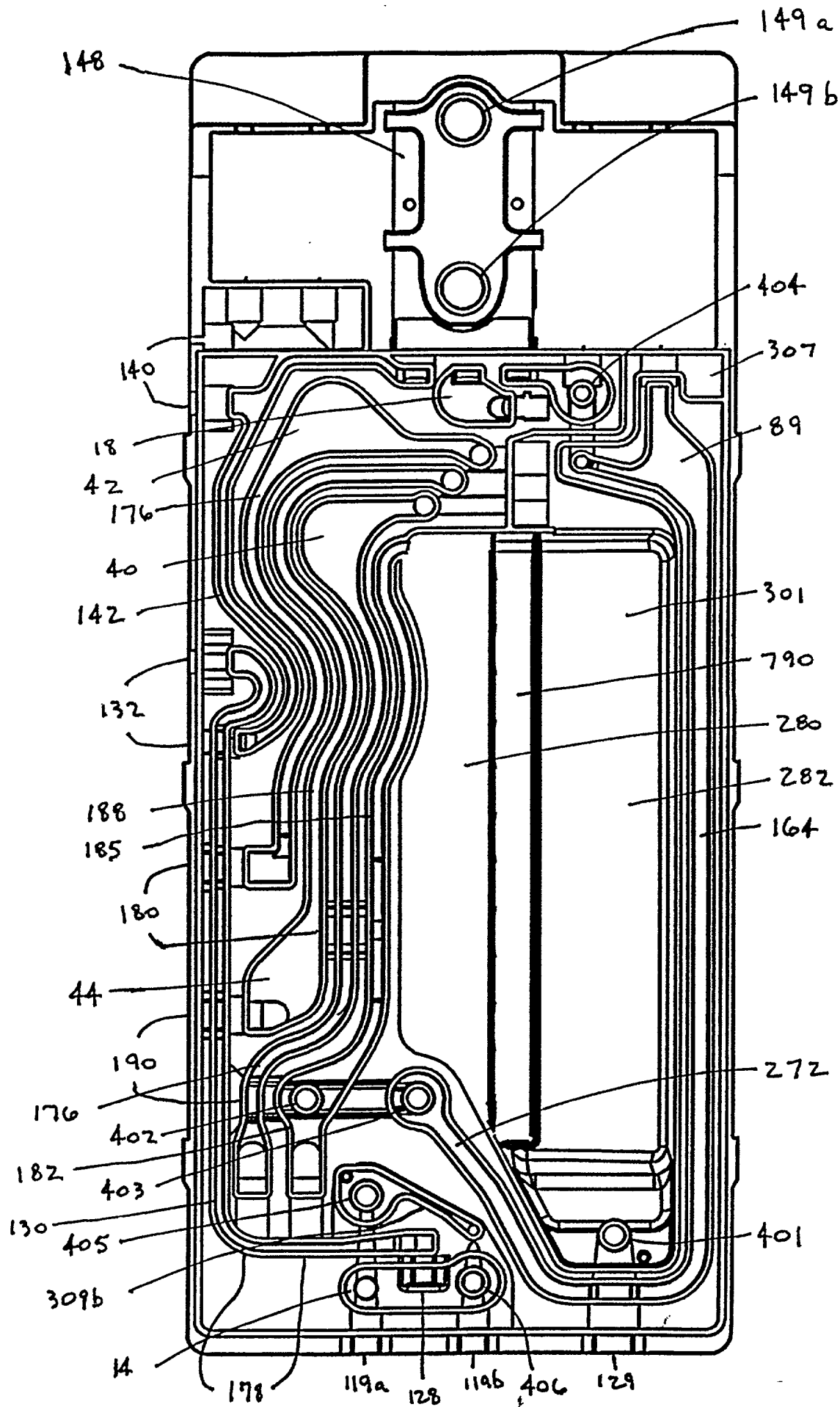


FIG. 22

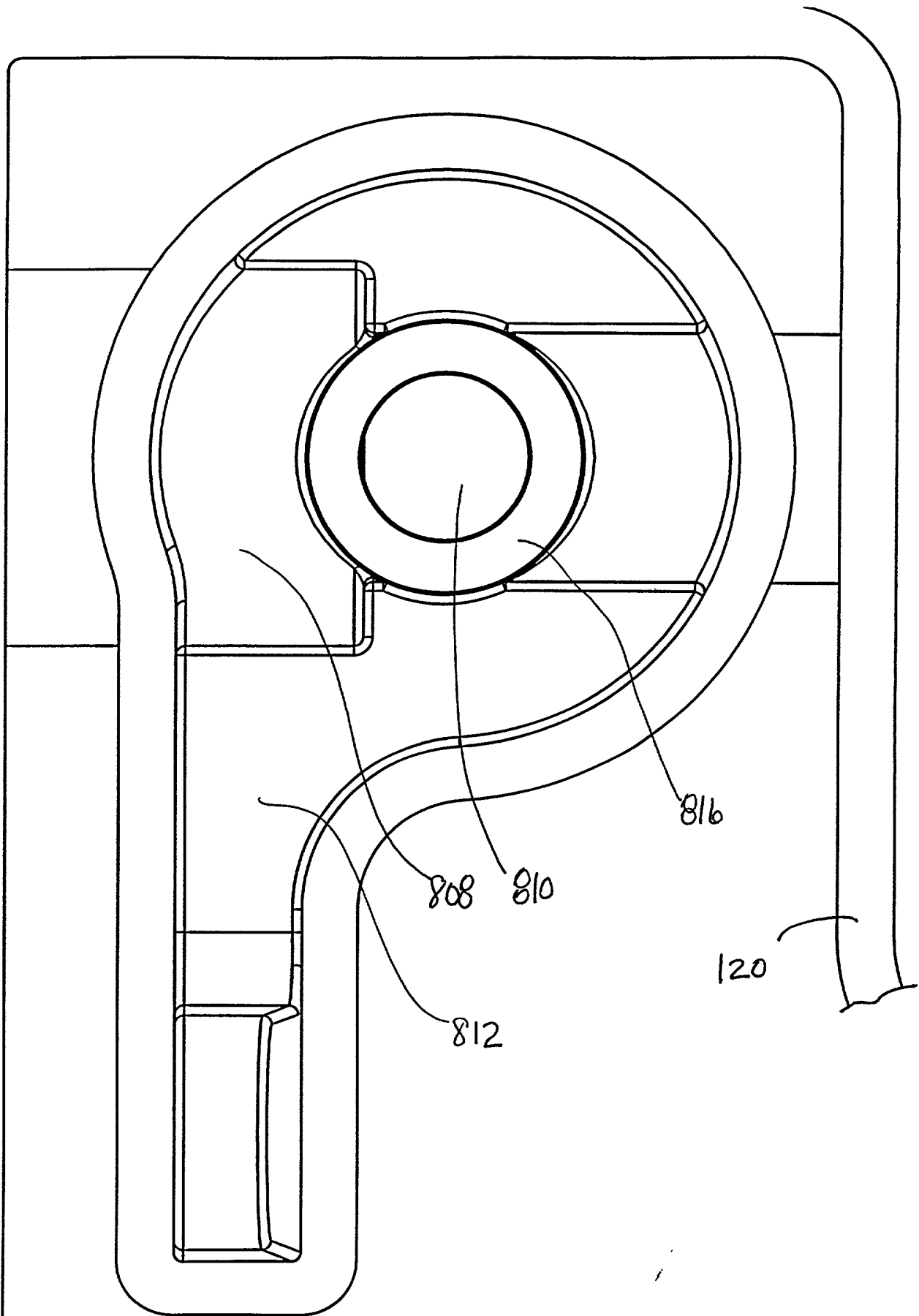


FIG. 23A

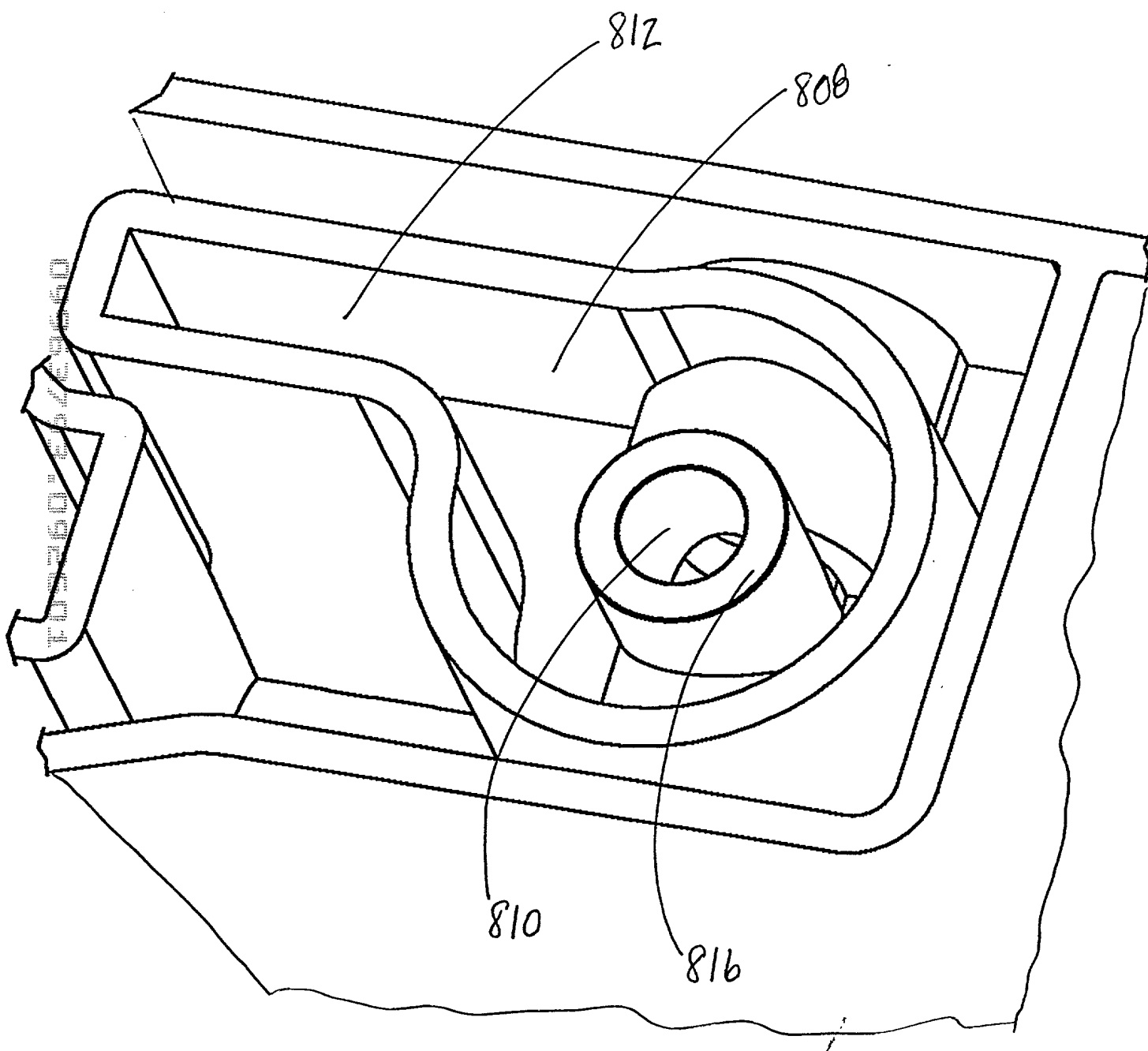


FIG. 23B

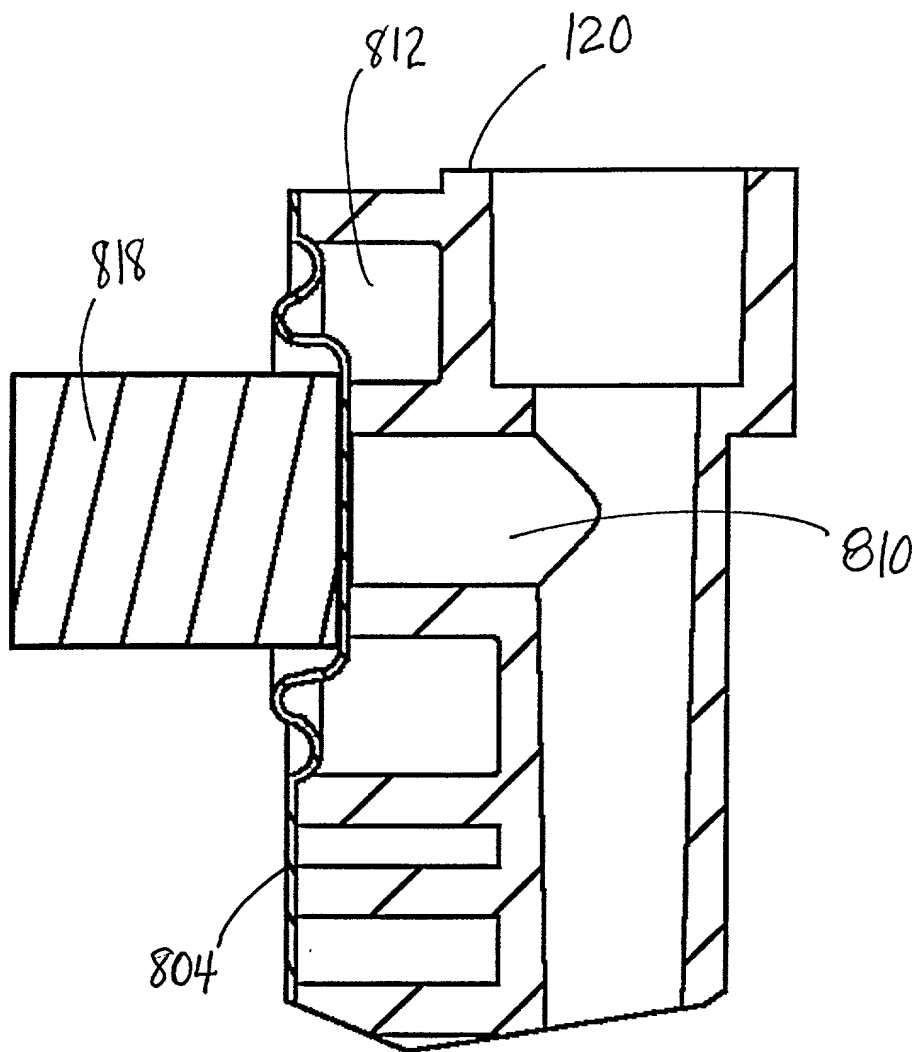


FIG. 24A

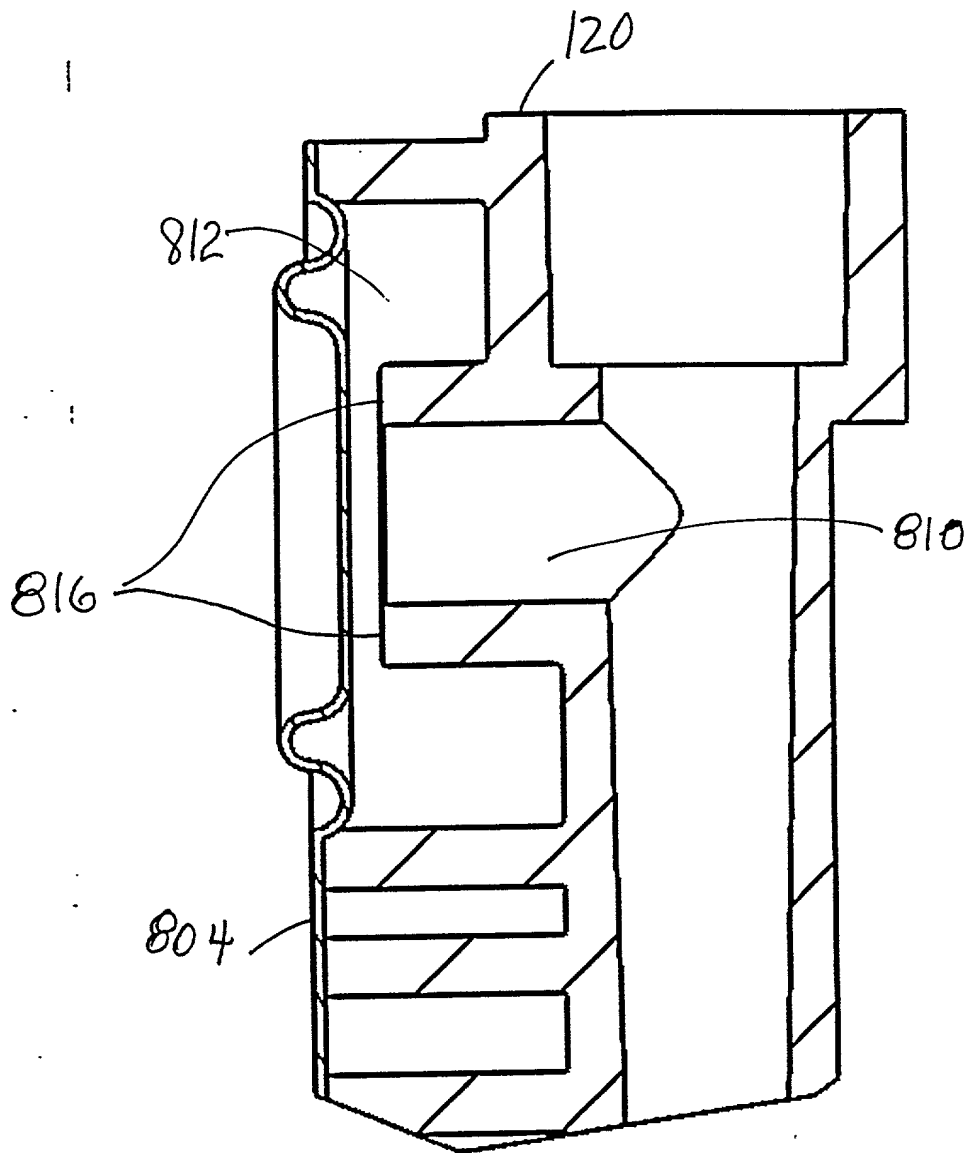


FIG. 24B.

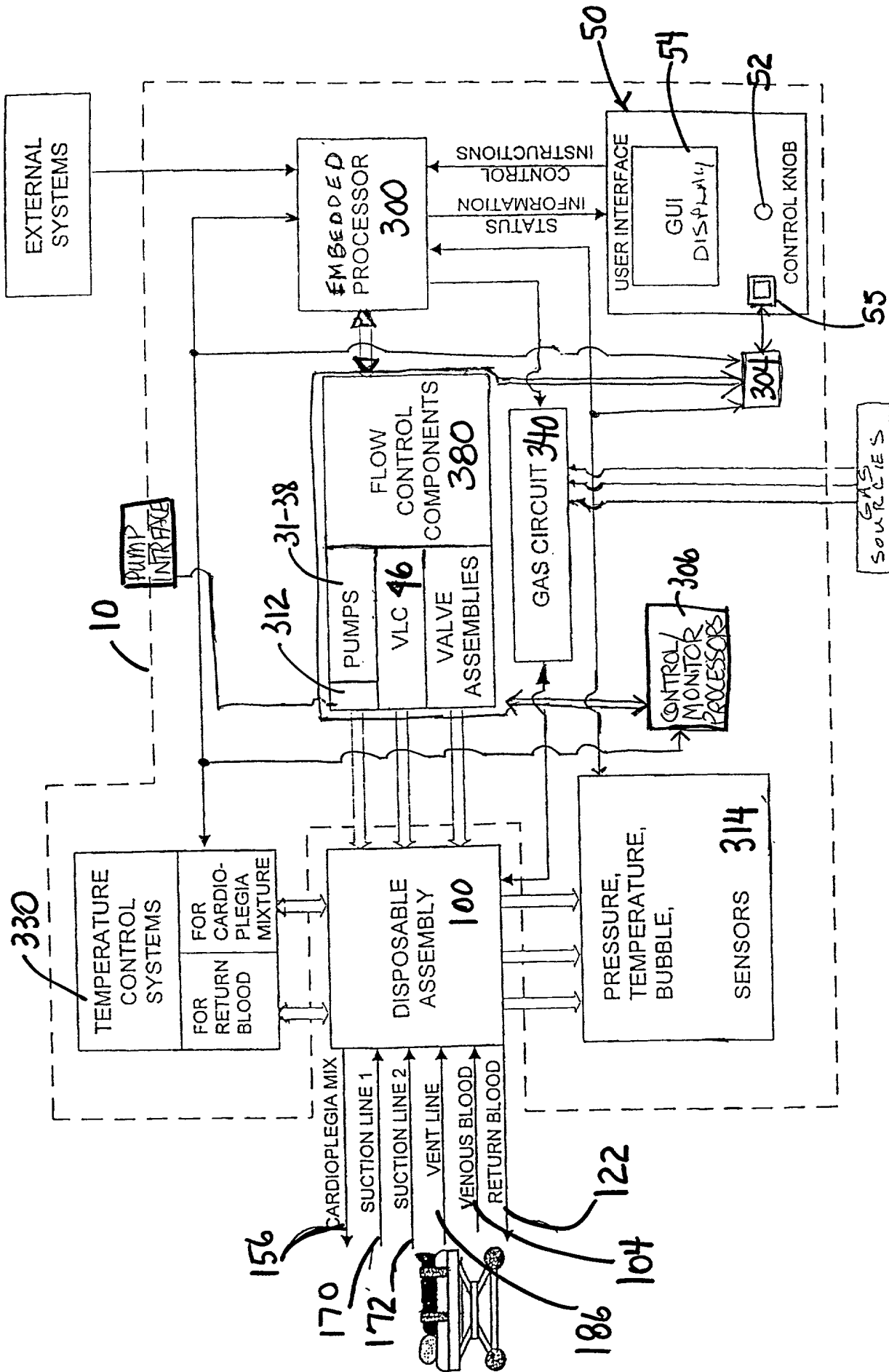


FIG. 25

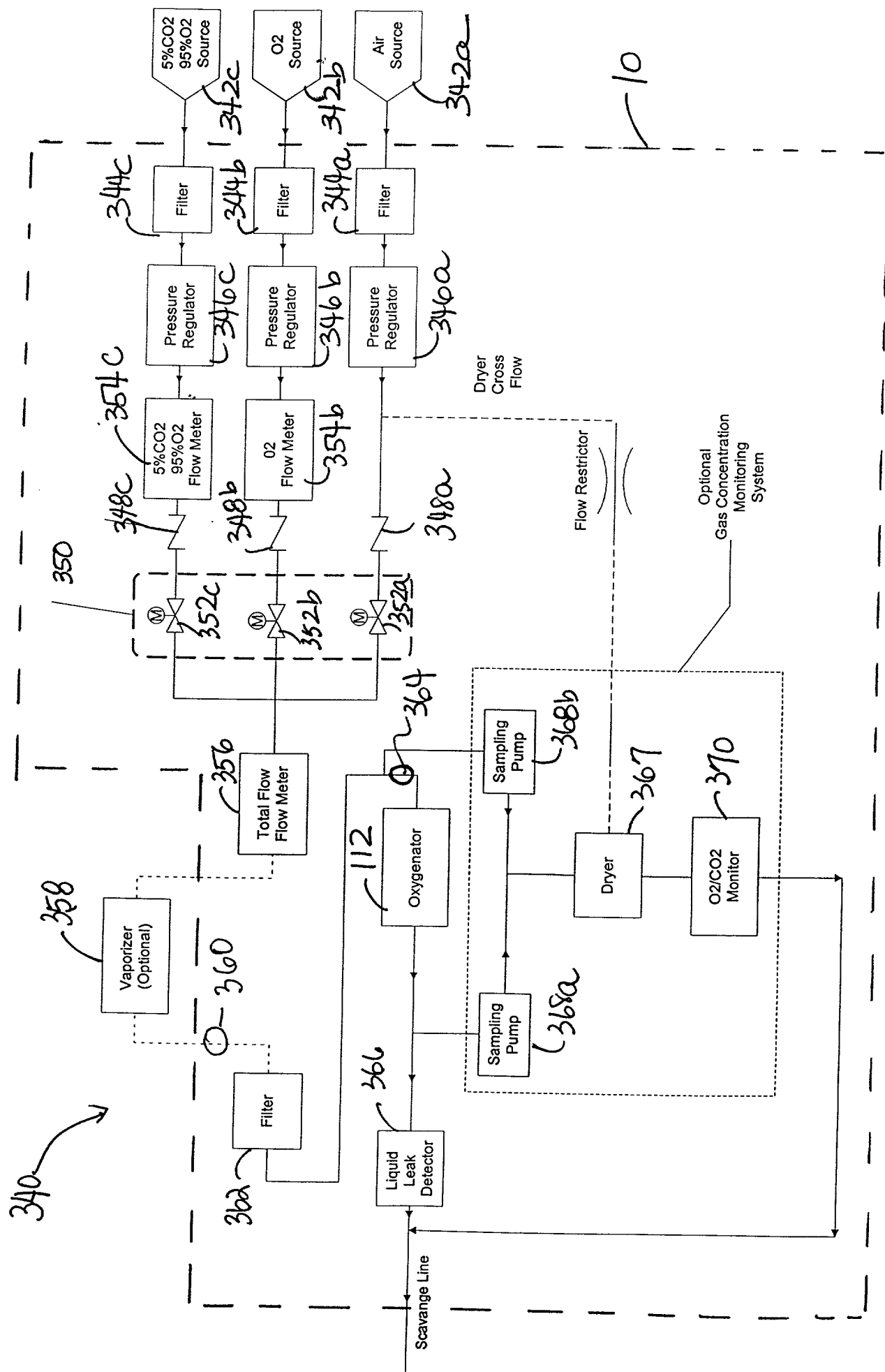


FIG. 26

109260" E62E9660

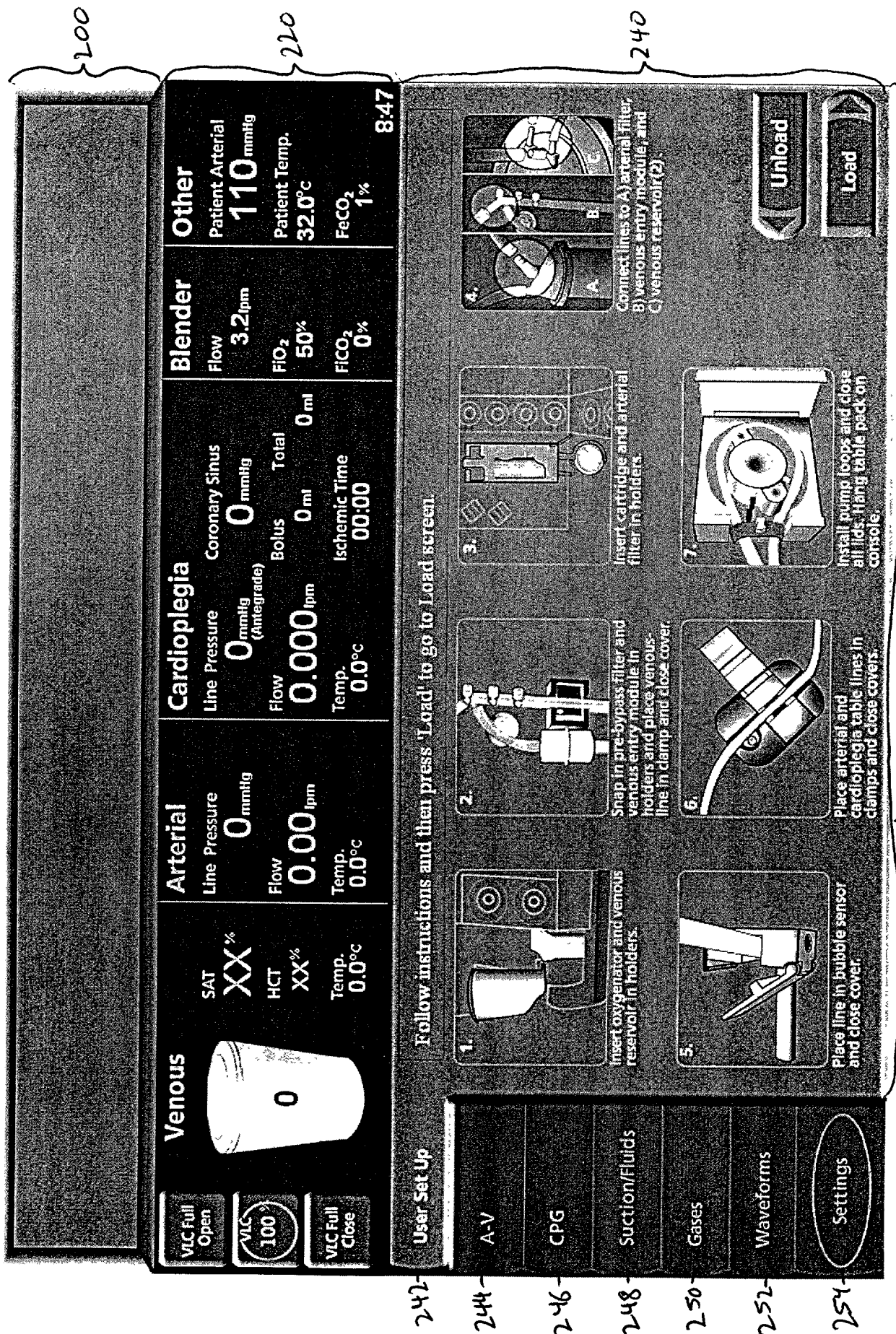


FIG. 28A

202a

202a

204

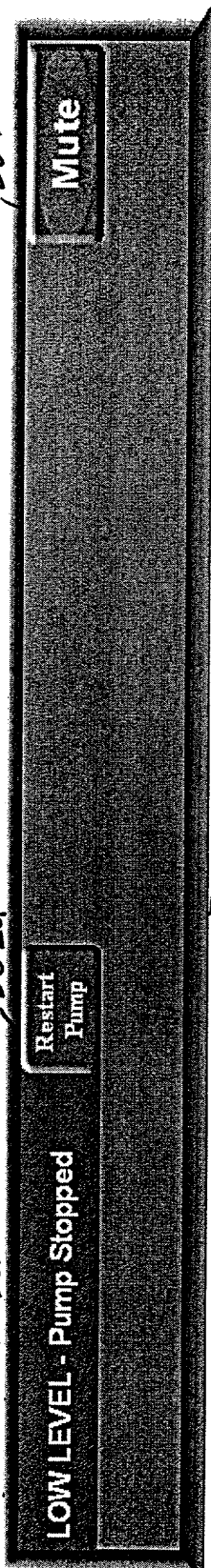


FIG. 28A

202b

202b

204

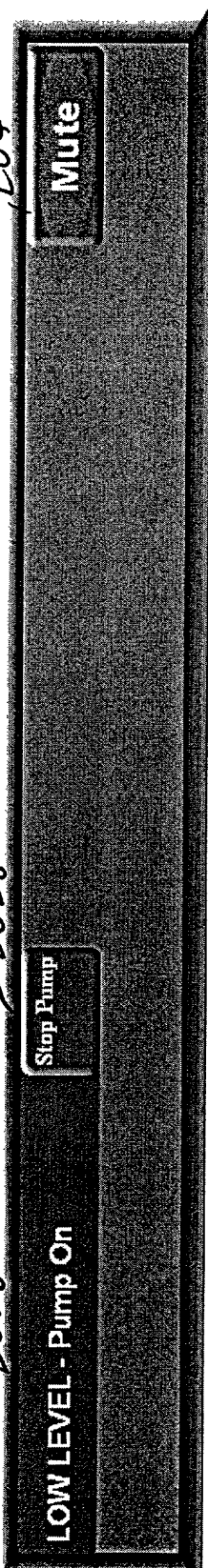


FIG. 28B

202c

202c

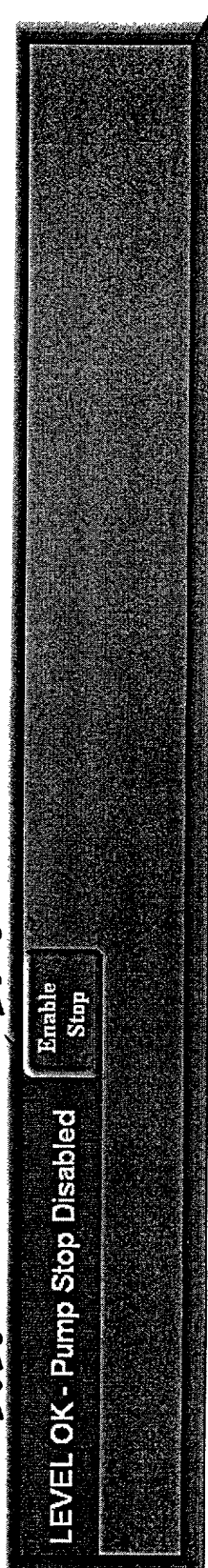


FIG. 28C

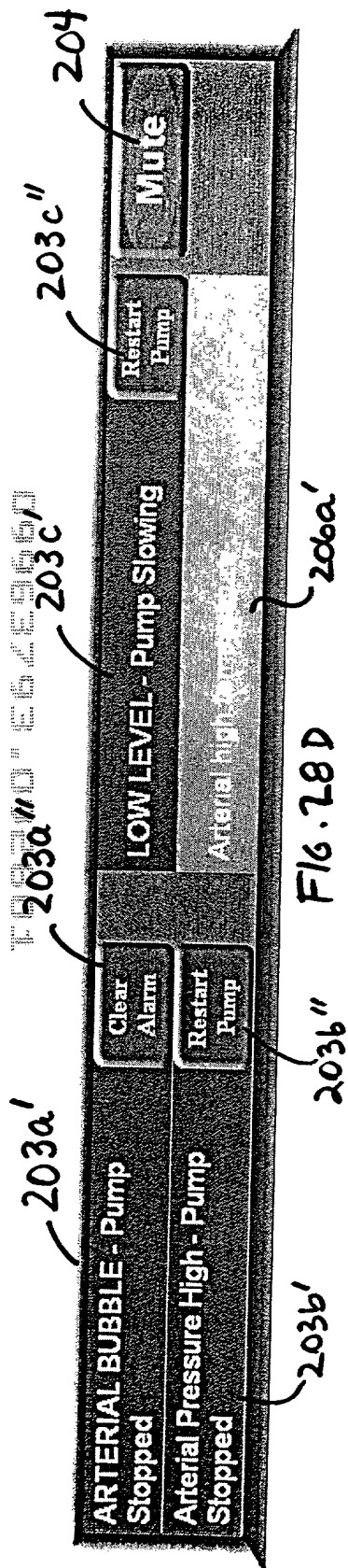


FIG. 28D

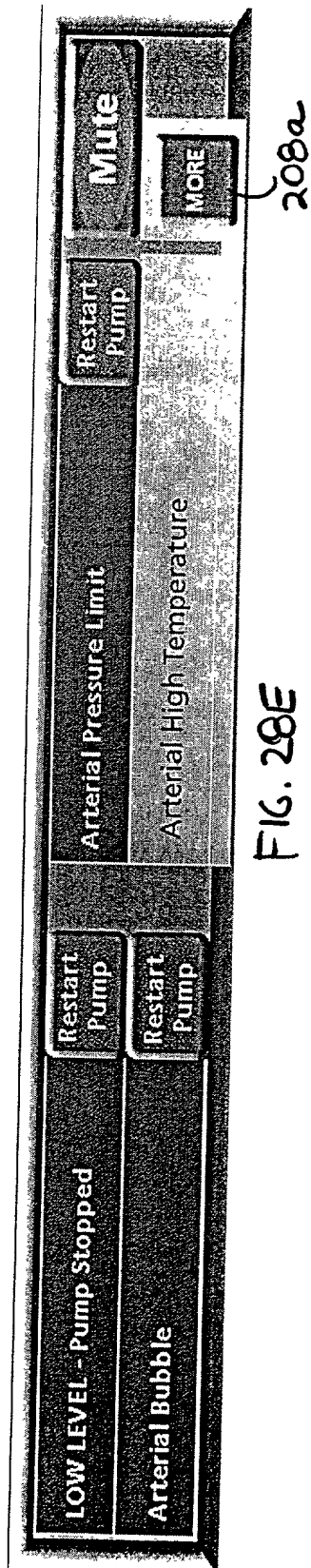


FIG. 28E

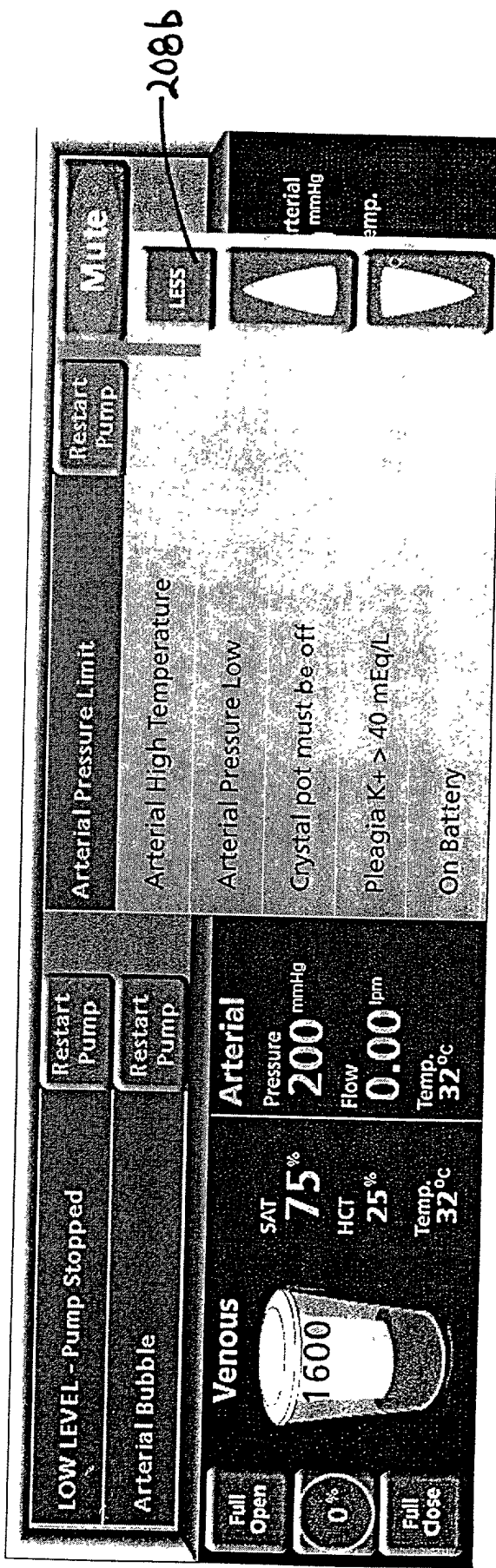






FIG. 28F

|   |  |   |  |   |  |  |  |  |  |
|---|--|---|--|---|--|--|--|--|--|
| 222   |  | 224   |  | 226   |  | 228  |  | 230  |  |
| <b>Venous</b><br> 222a<br> 222b<br> 222c<br> 1307 |  | <b>Arterial</b><br>Line Pressure<br><b>151</b> mmHg<br>Flow<br><b>3.81</b> lpm<br>Temp.<br><b>21.0</b> °C |  | <b>Cardioplegia</b><br>Line Pressure<br><b>69</b> mmHg (Antegrade)<br>Flow<br><b>0.276</b> lpm<br>Temp.<br><b>20.9</b> °C |  | <b>Blender</b><br>Flow<br><b>3.2</b> lpm<br>FiO <sub>2</sub><br><b>50%</b><br>FiCO <sub>2</sub><br><b>0%</b> |  | <b>Other</b><br>Patient Arterial<br><b>110</b> mmHg<br>Patient Temp.<br><b>32.0</b> °C<br>FeCO <sub>2</sub><br><b>1%</b> |  |
|   |  |   |  |   |  |  |  | 8:55   |  |

F16.29

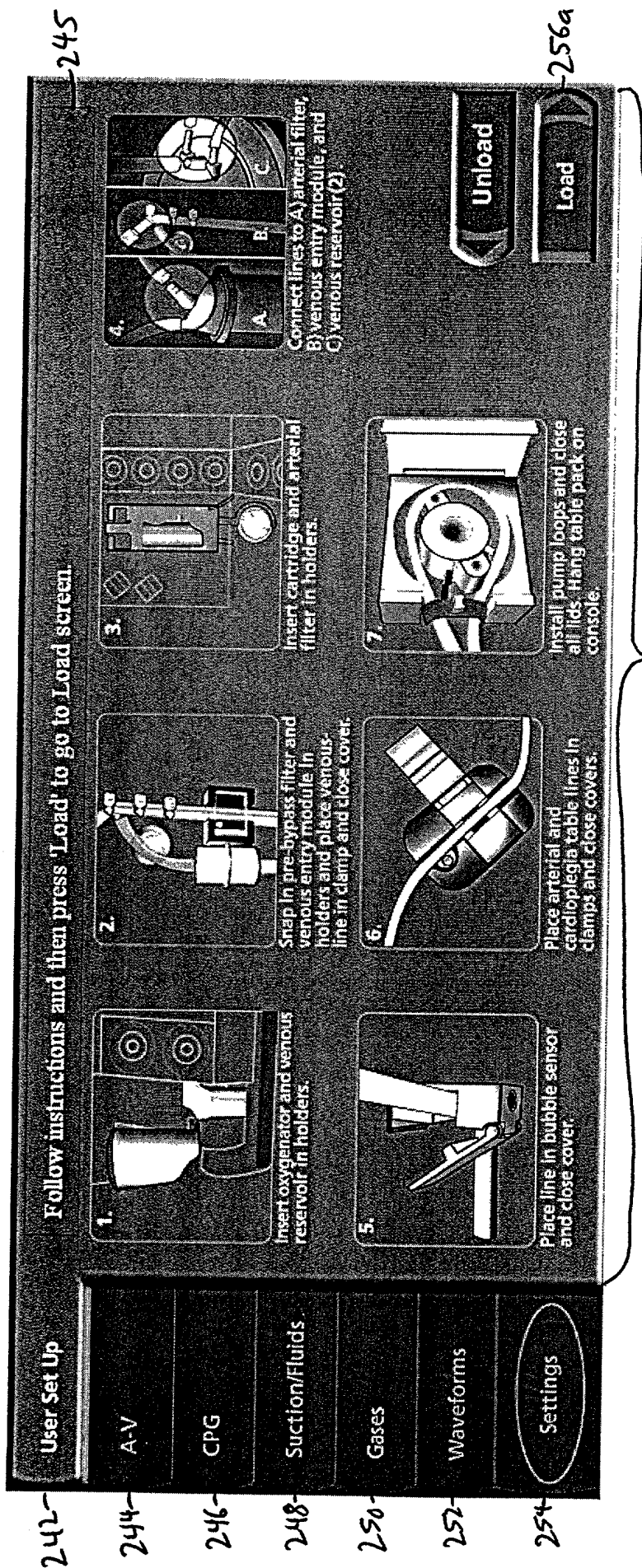
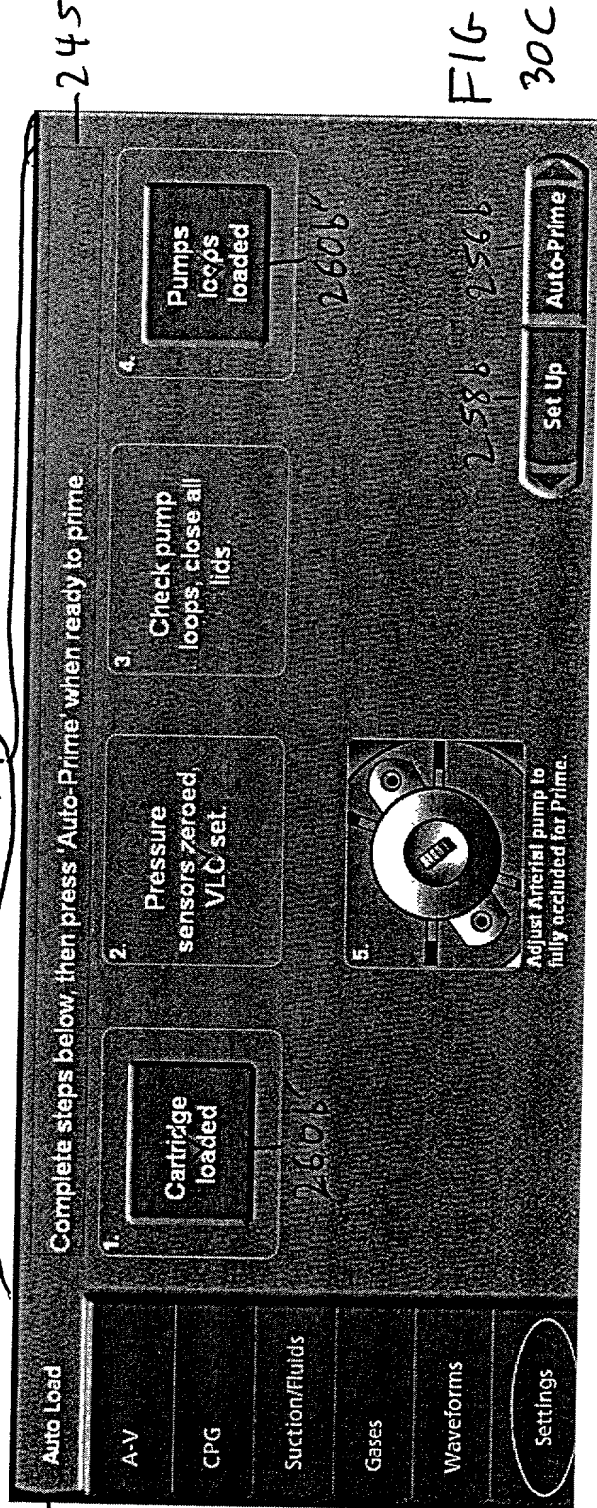
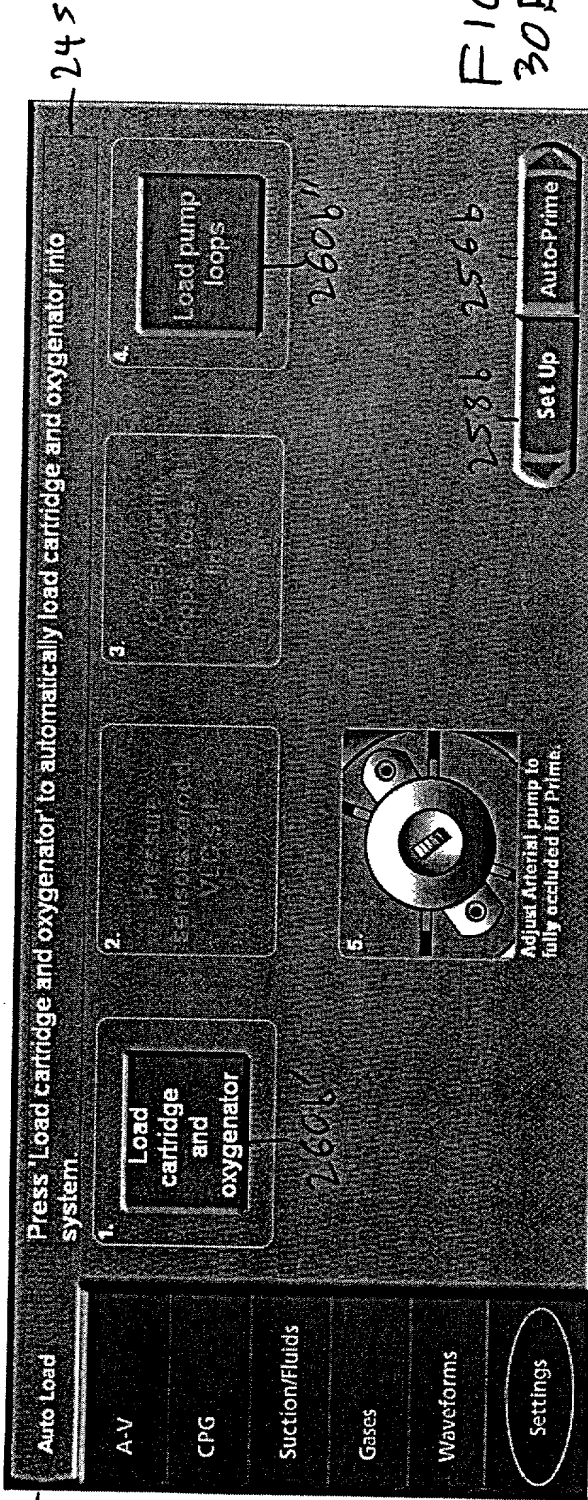
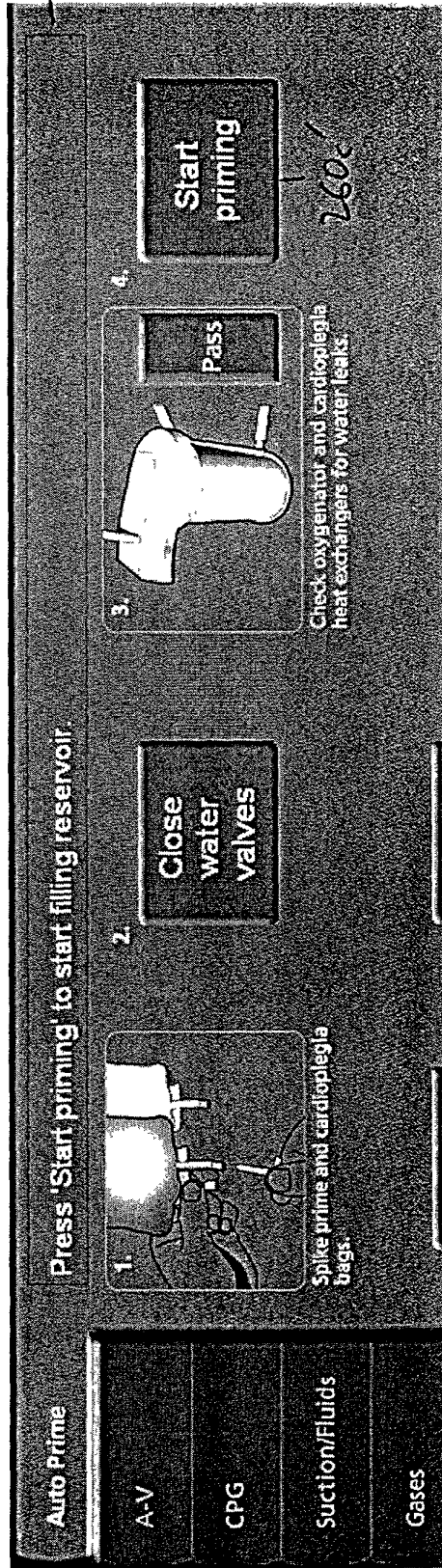
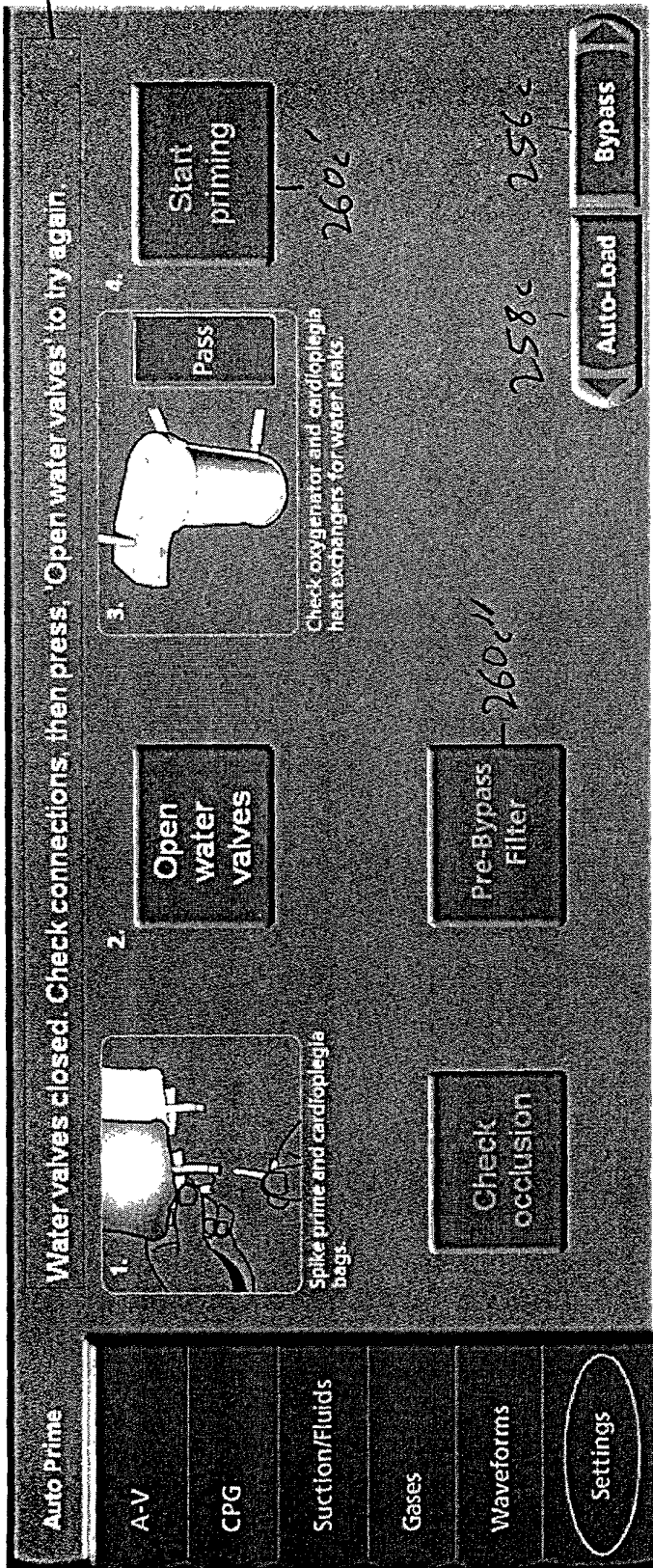


FIG. 30A





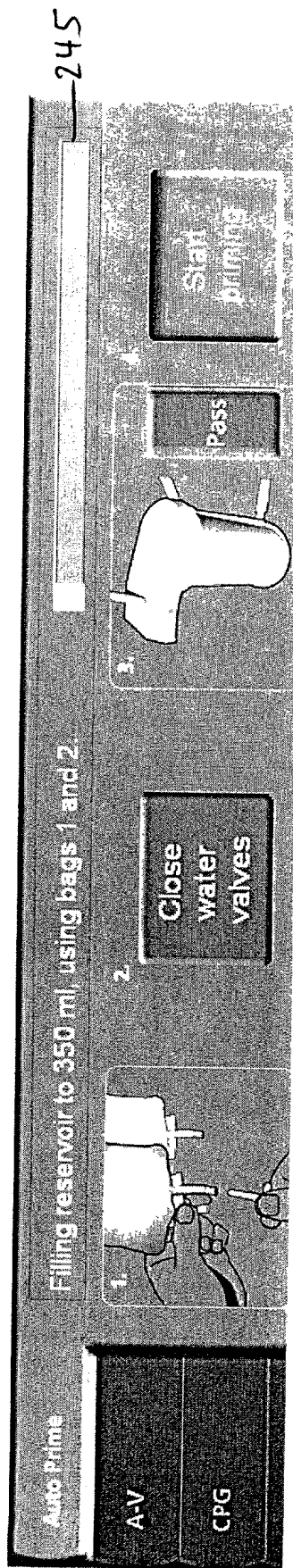


FIG. 30F

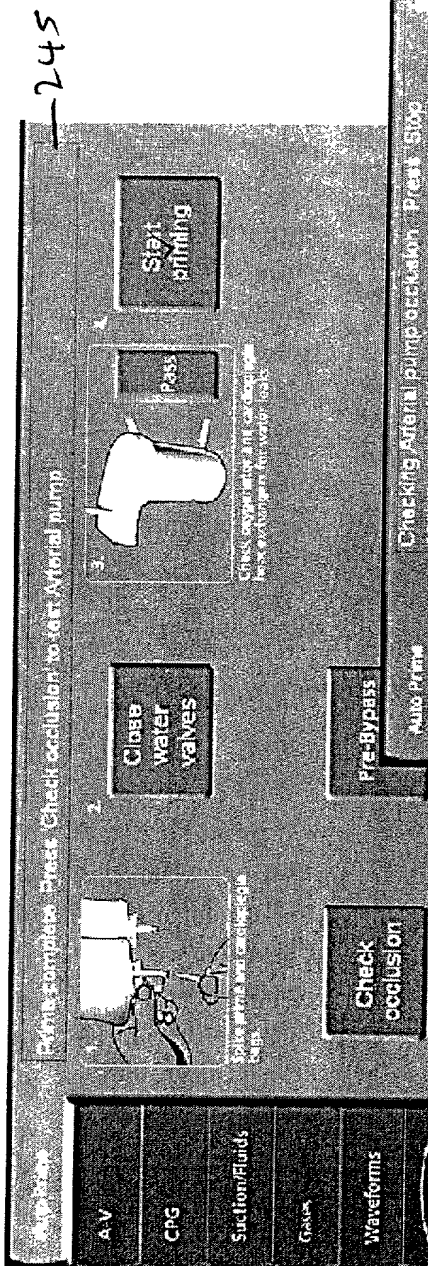


FIG. 30G

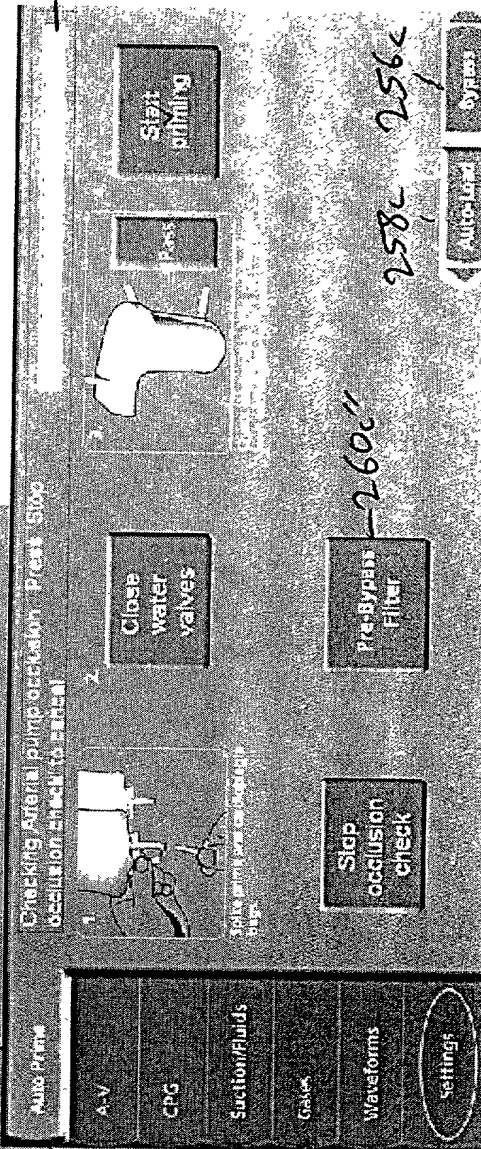


FIG. 30H

242-

245

FIG. 30I

On Bypass.

System

Pre-Bypass Filter

System Recirc.

Test Arterial Connection

Log Event

CPG Target 500 ml

CPG Deliver 108 ml

Test CPG Connection

Antegrade 100 mmHg

Retrograde 60 mmHg

Timers

On-Bypass 0:03:30

Off-Bypass 00:00

X-Clamp 0:03:22

Auxiliary 0:03:04

Go to Post-Bypass

Settings

Waveforms

Gases

Suction/Fluids

A-V

Main

266a' 266a'' 266c' 266c'' 266b' 266b'' 266d' 266d''

Fill Patient: Start Arterial to flow down patient line.

FIG. 30J

On Bypass.

System

Pre-Bypass Filter

System Recirc.

Test Arterial Connection

Log Event

Fill Patient

Bolus 0 ml

Deliver 0 ml

Chase

Bolus ml

Deliver ml

Timers

On-Bypass 0:05:57

Off-Bypass 00:45

X-Clamp 0:06:34

Auxiliary 0:03:47

Return to Bypass

move to Unloading

Settings

Waveforms

Gases

Suction/Fluids

A-V

Main

FIG. 30J

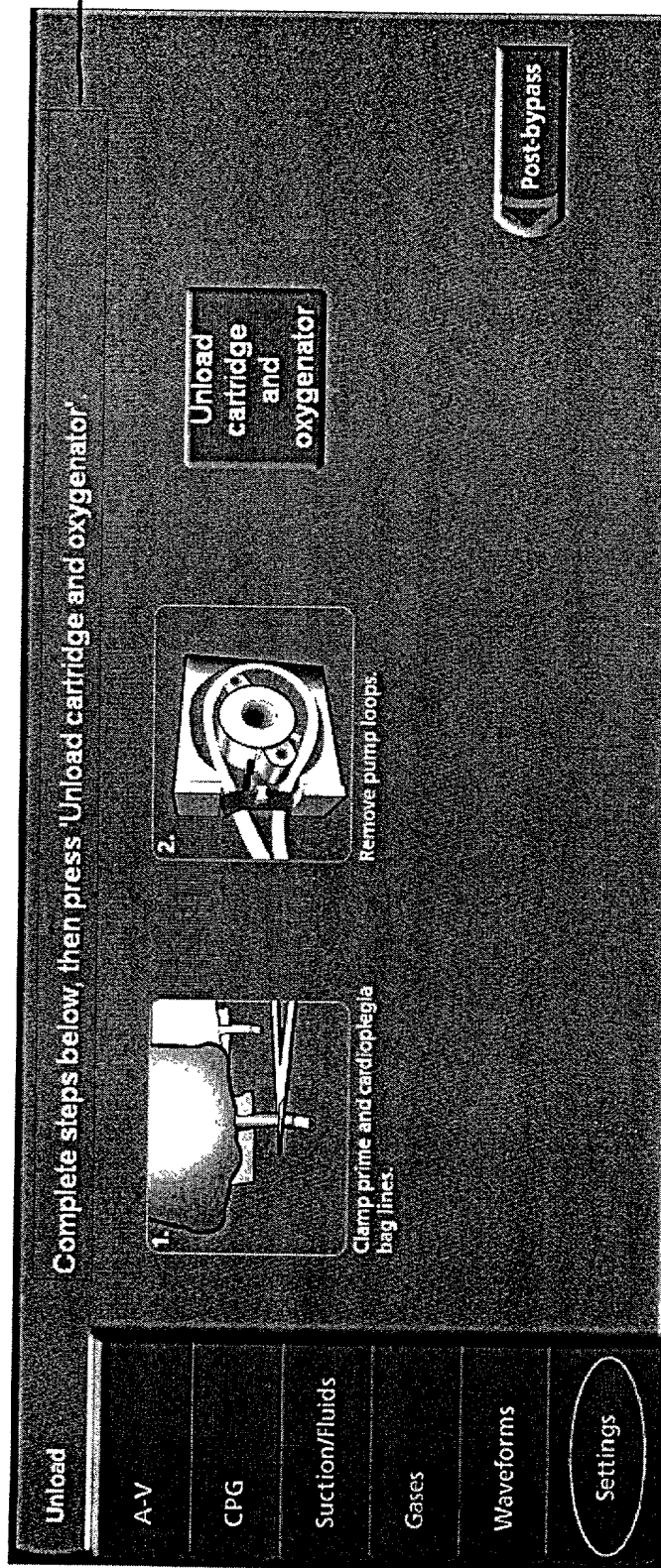


FIG. 30K

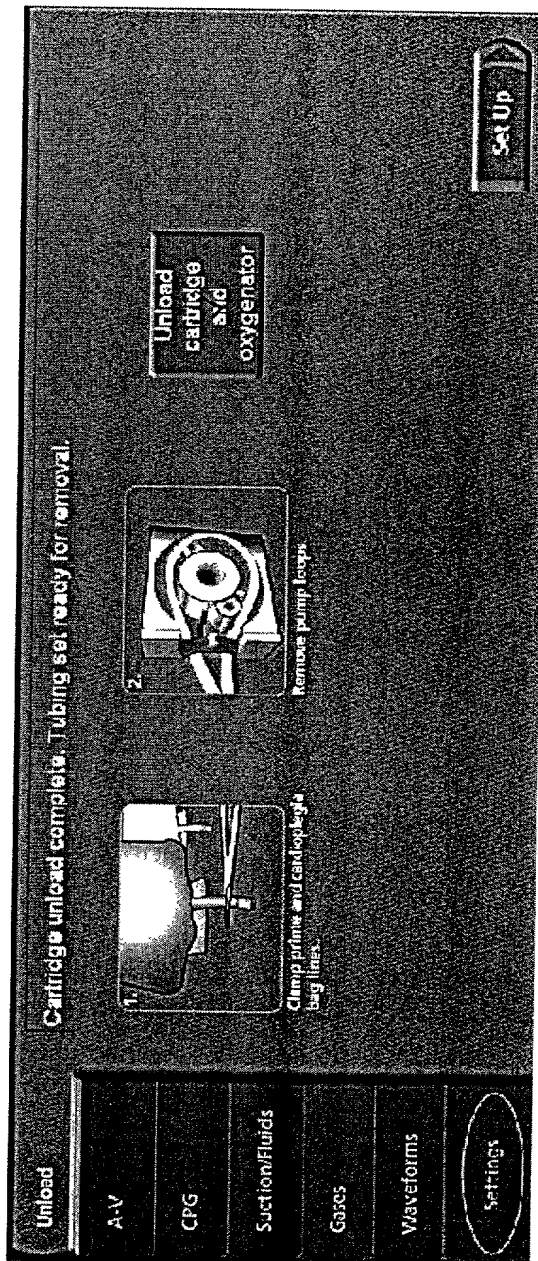


FIG. 30L

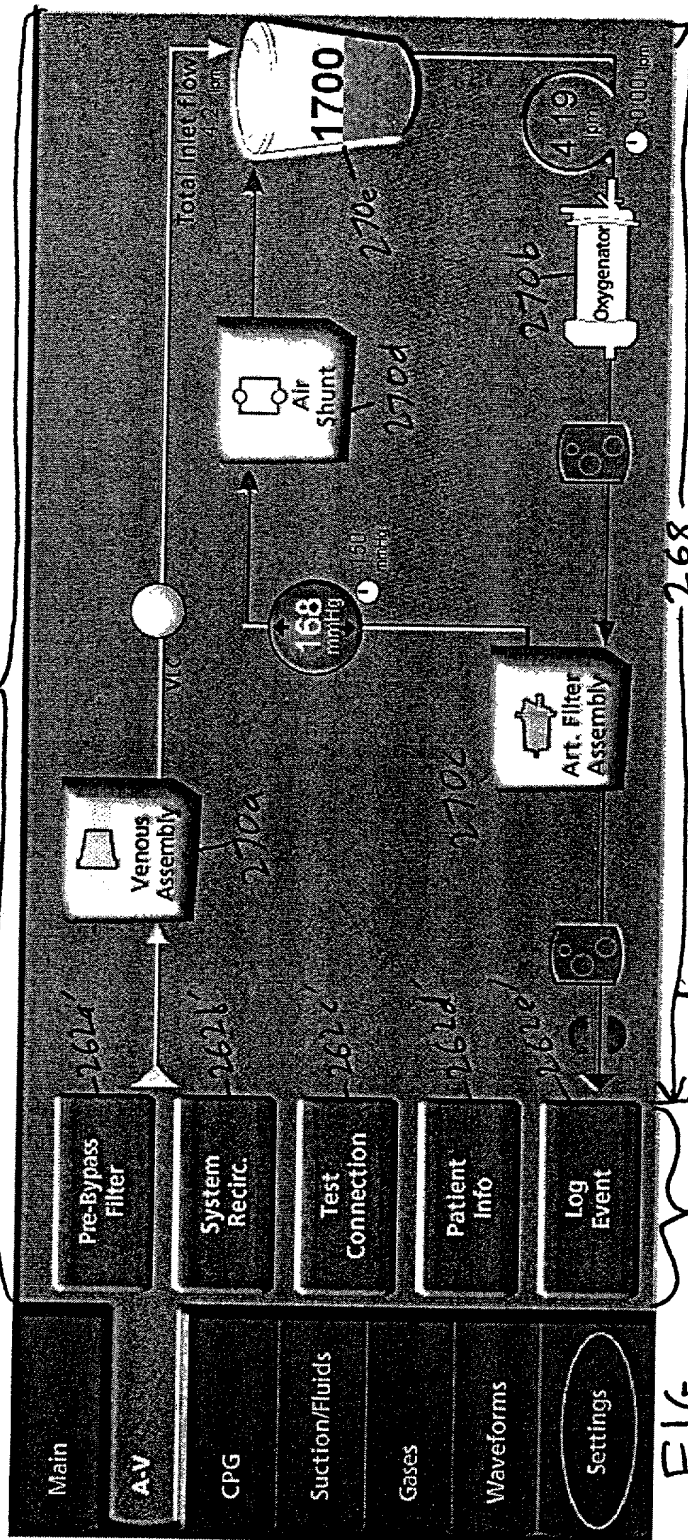


FIG. 31A

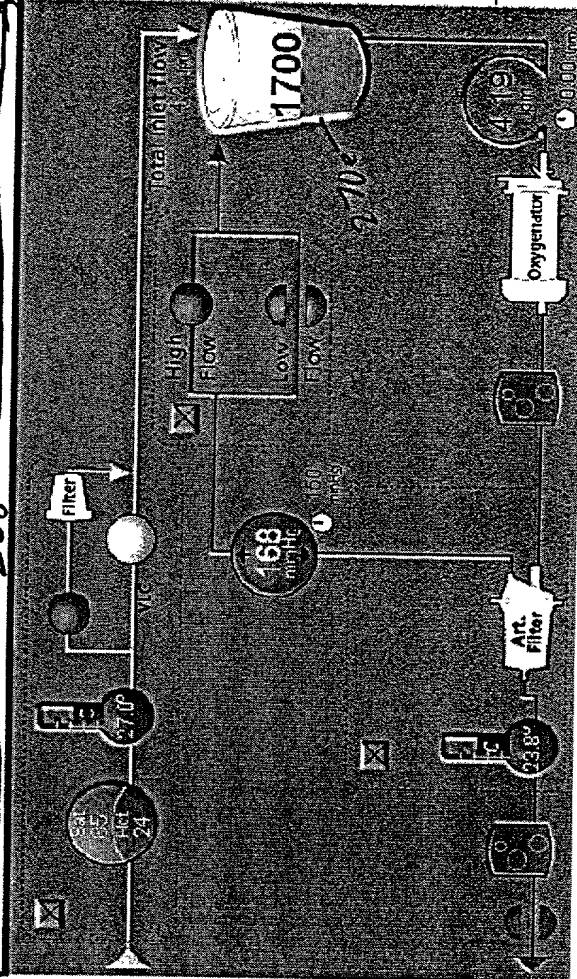


FIG. 31B

272

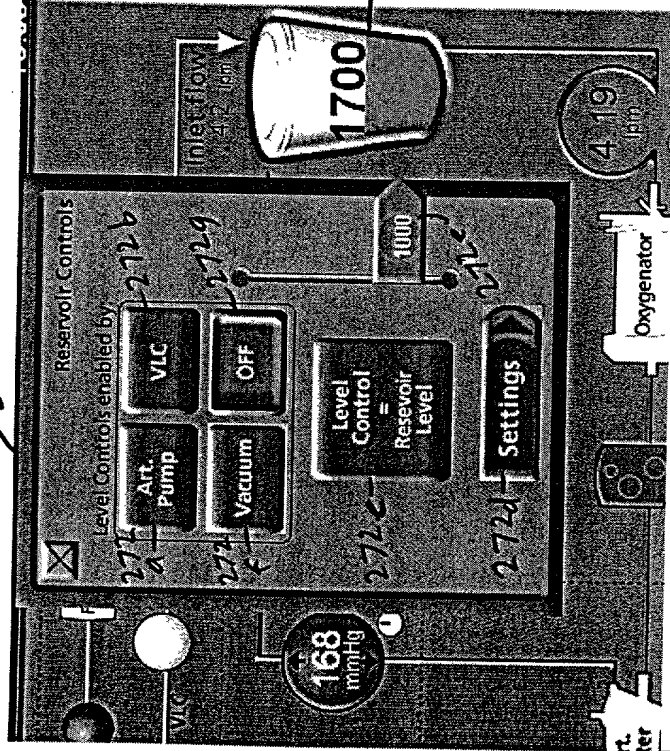


FIG. 31C

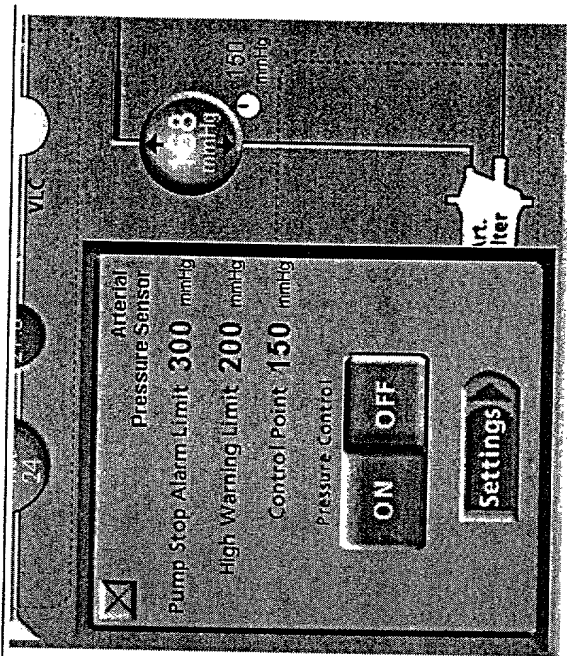


FIG. 31D

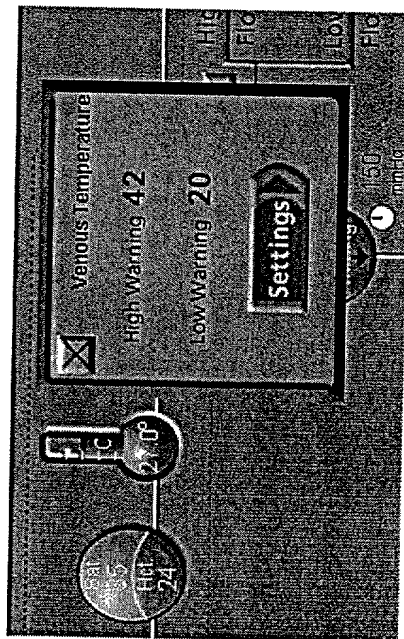


FIG. 31E

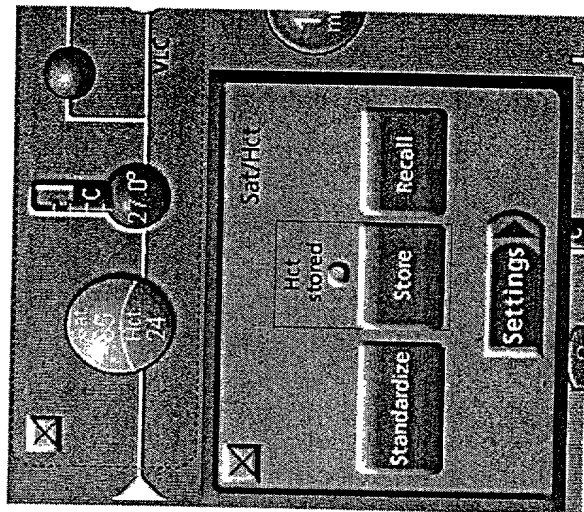


FIG. 31F

267

10926026862E960

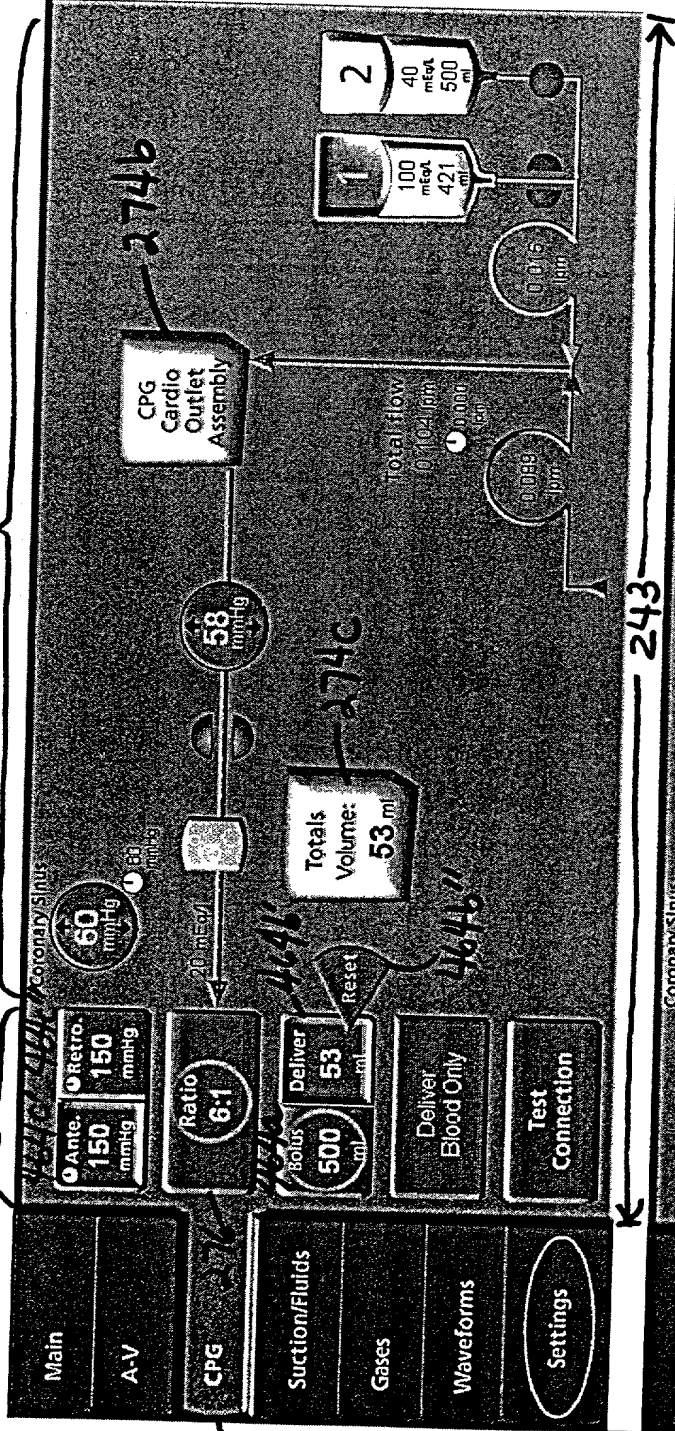
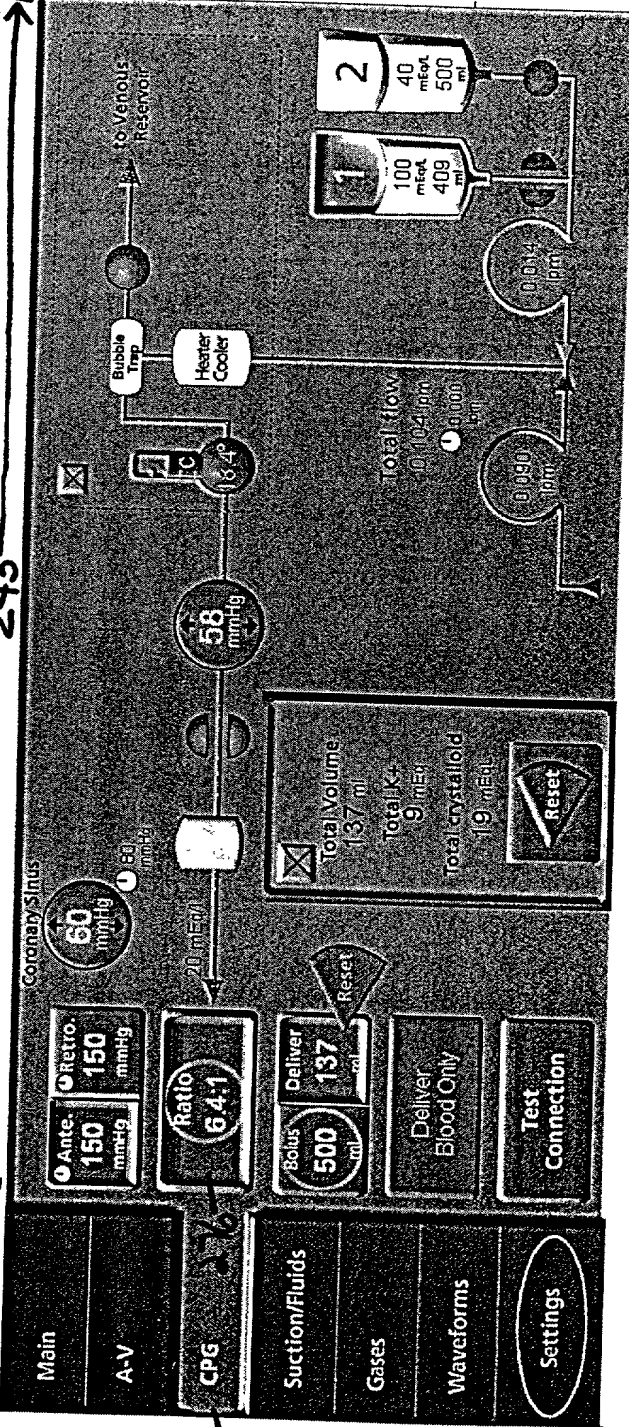


FIG. 32A

FIG. 32B



246

246

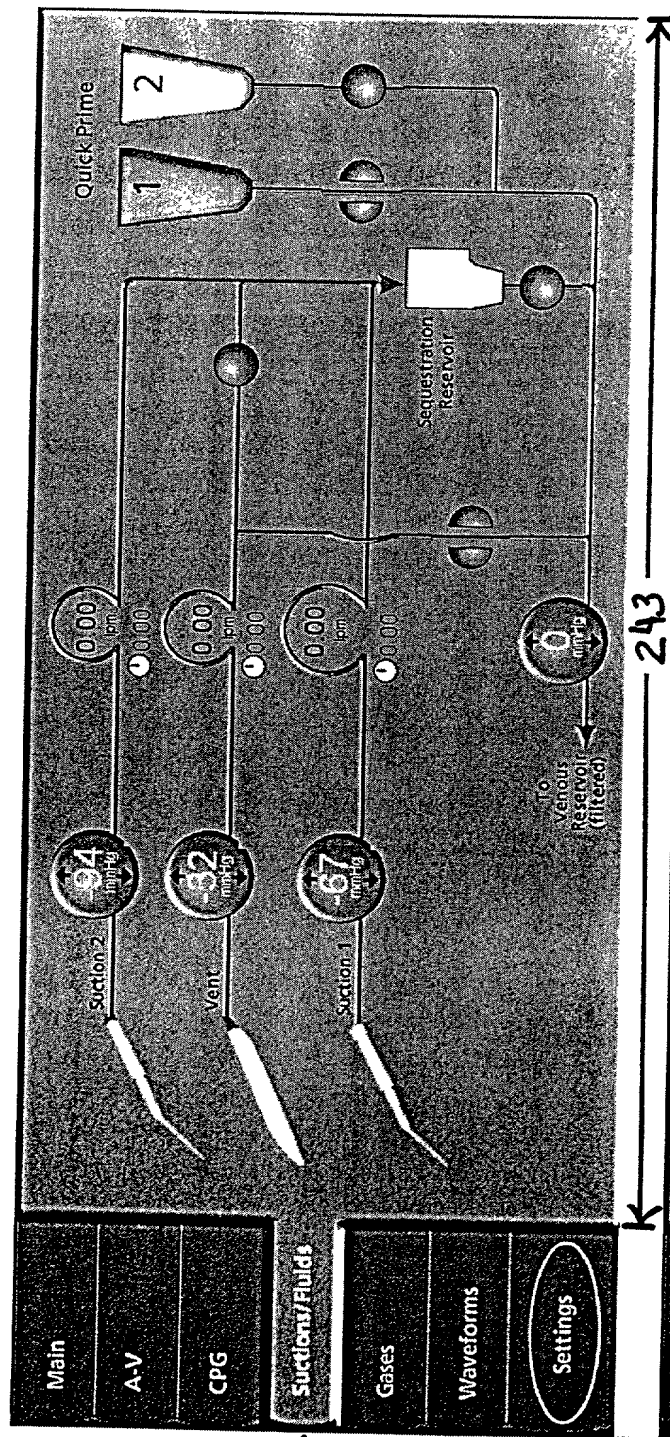


FIG. 32C

248

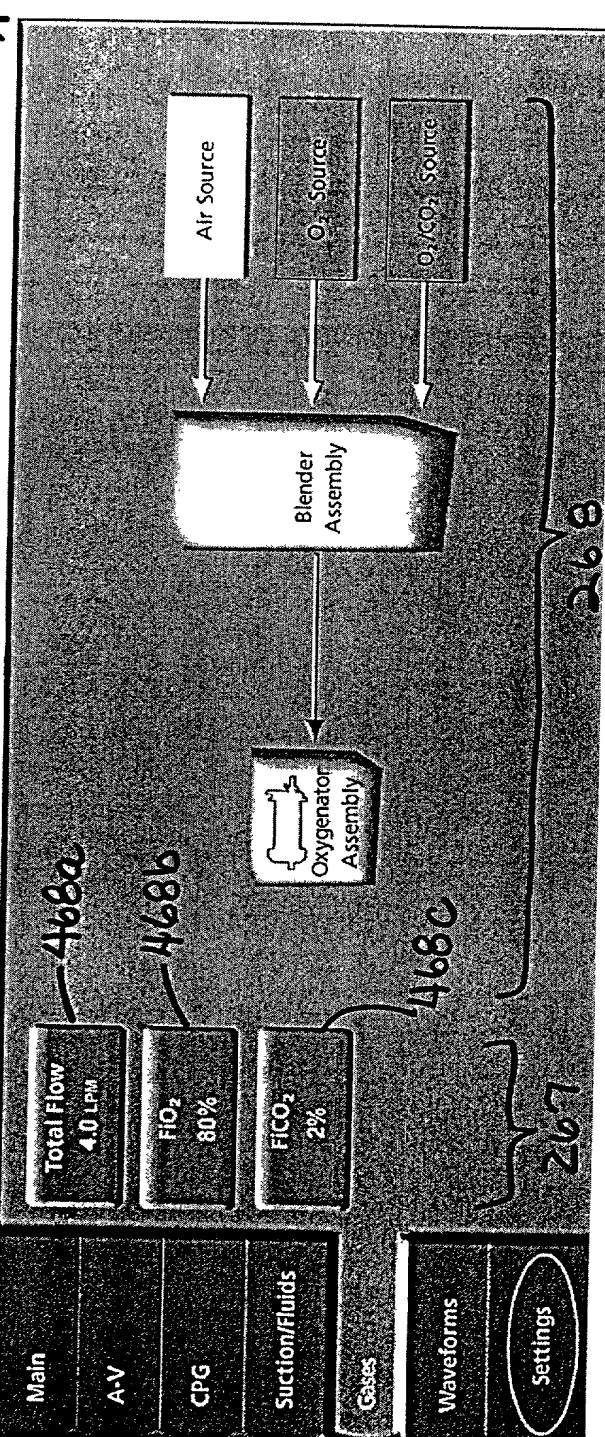
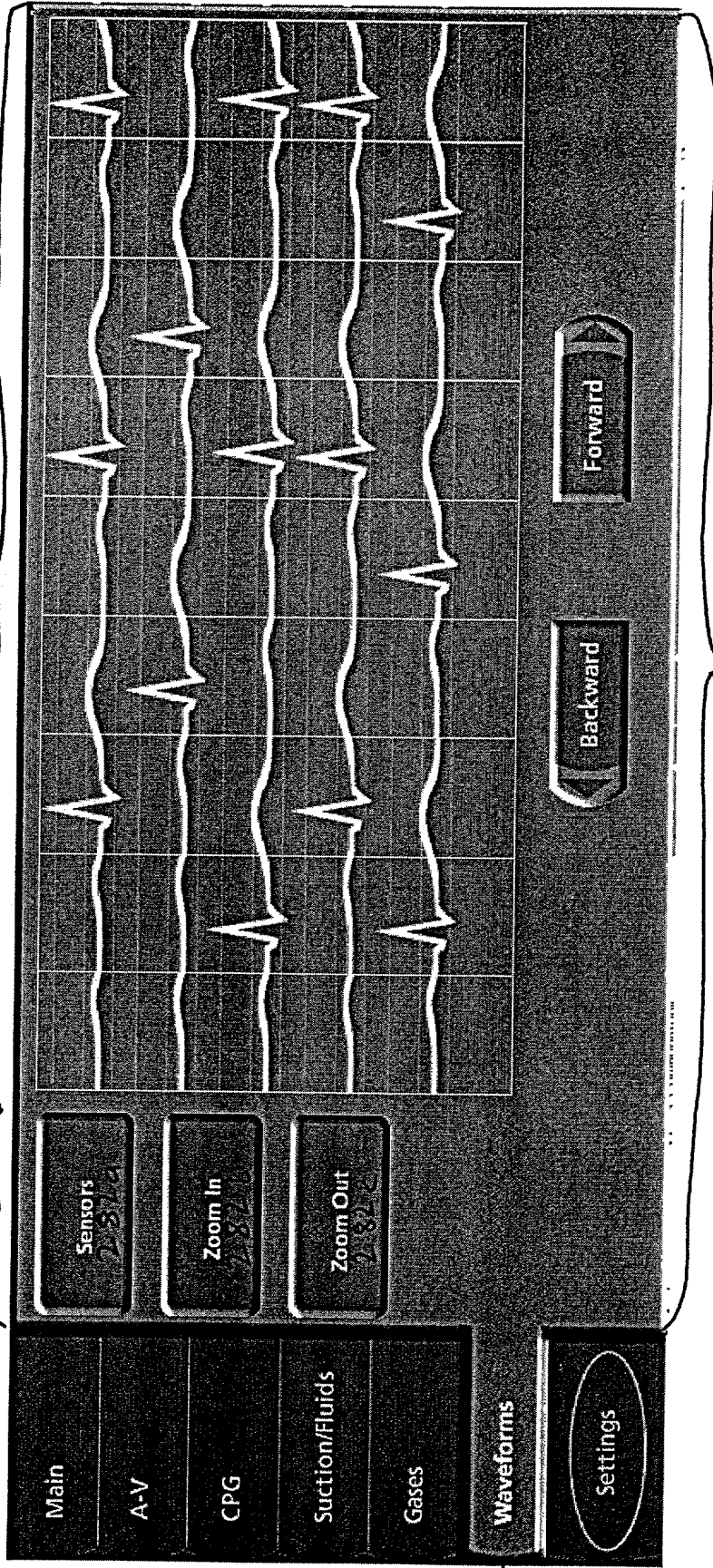


FIG. 32D

250

267

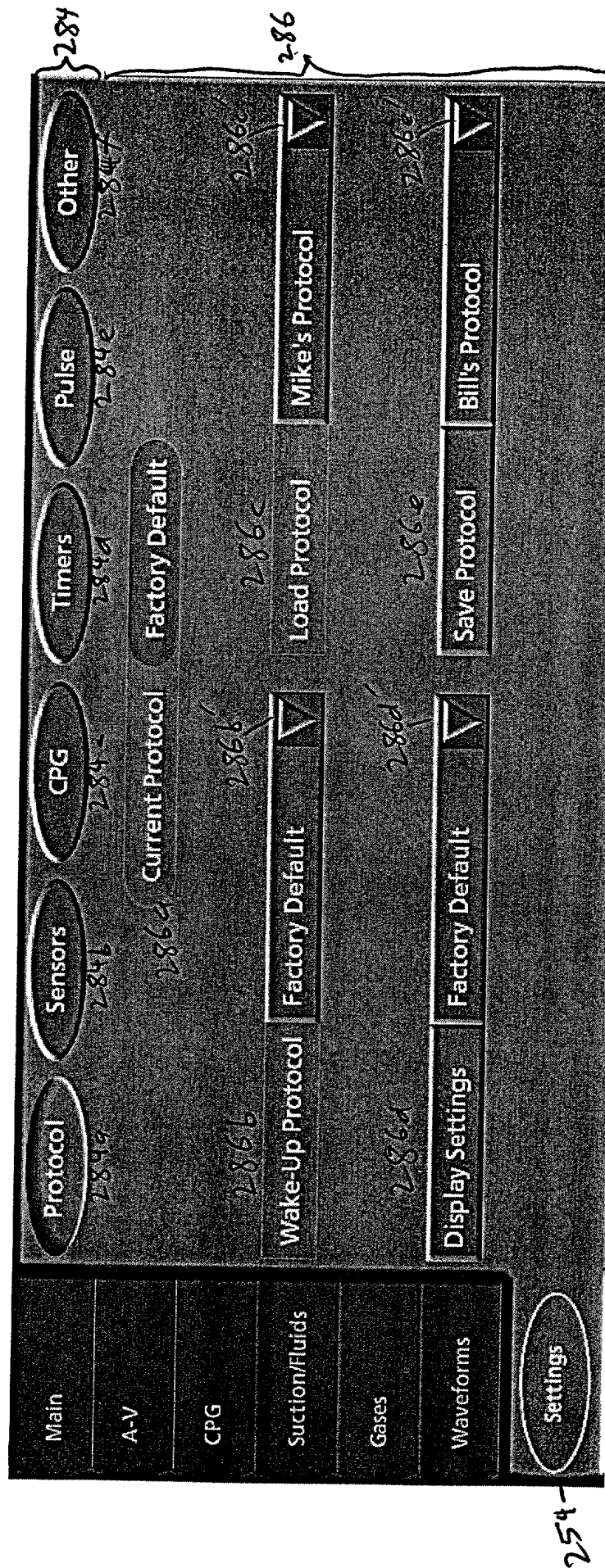
FIG. 32C 268



252

243

FIG. 32E



243

FIG. 33A



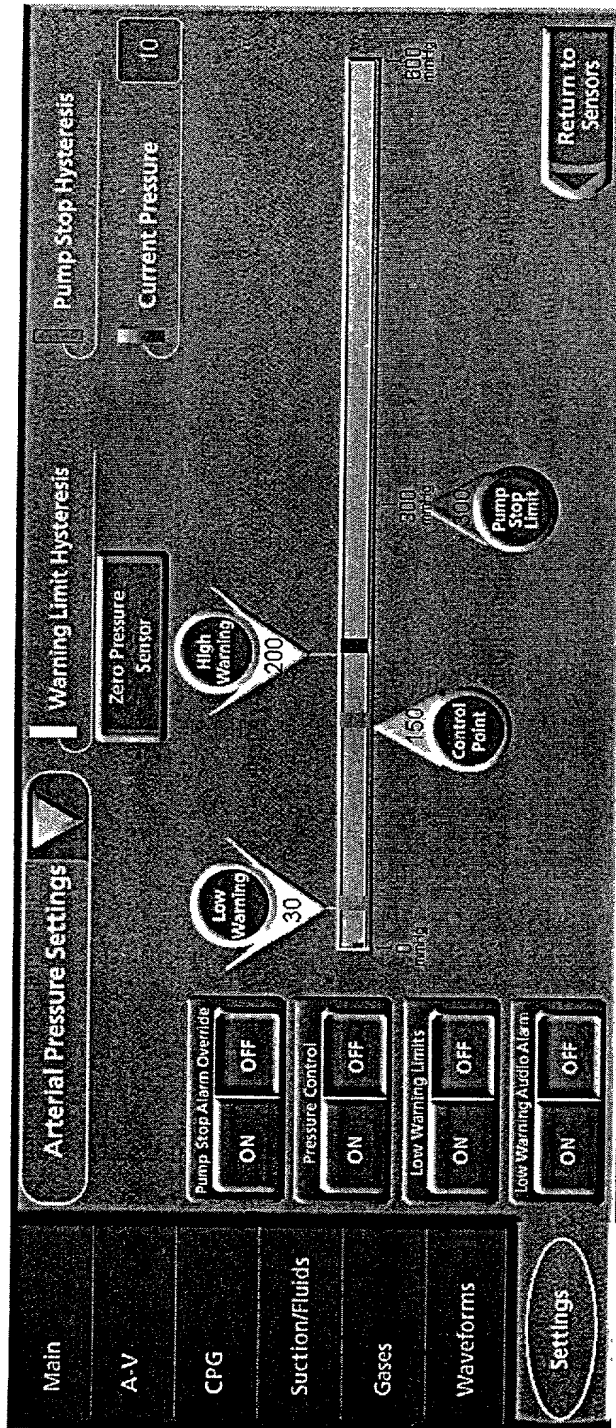


FIG. 33D

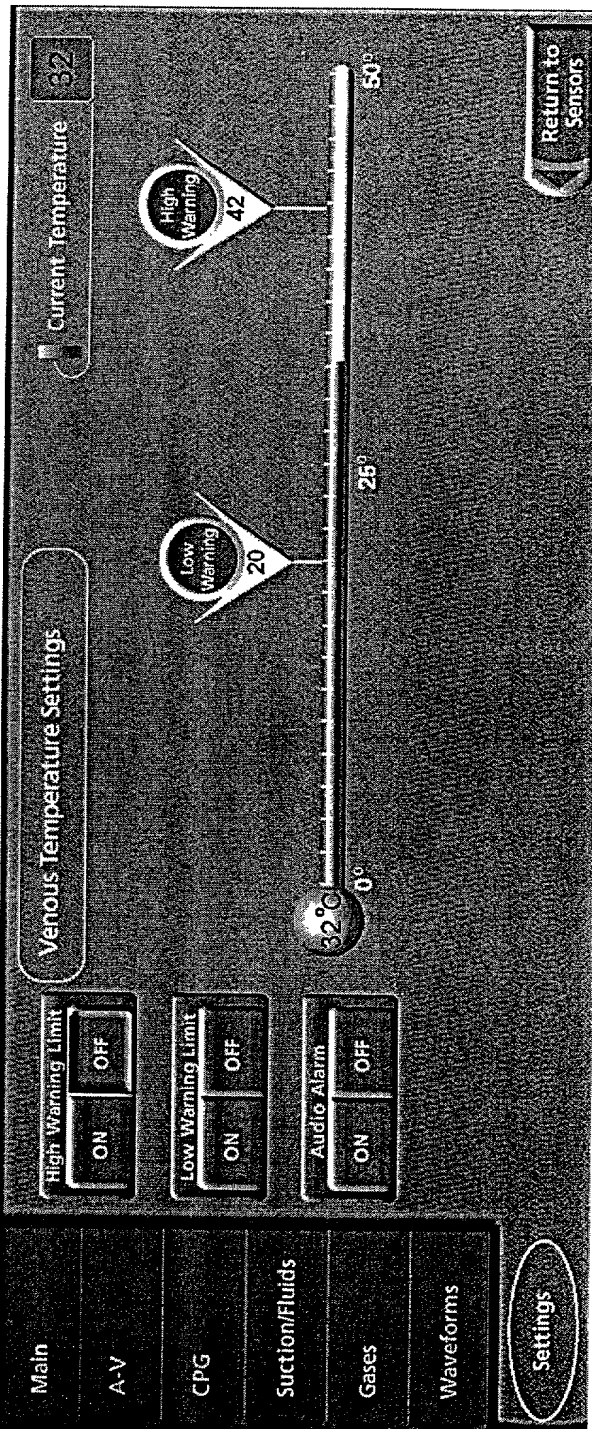


FIG. 33E



FIG. 33F